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vol. 2

Evenden, Fred G

1947 — 1949

#647 — #1340

Oregon,
Calif., Nevada

list of localities

647. June 13, 1947 French Prairie, near St. Louis, Marion Co., Oregon
648. June 13, 1947, Ecola Hills, between Salem and Amity
649. June 14, 1947 S. Spur, MacDonald Forest, Benton Co.
650. June 15, 1947 Blodgett to Newport
651. June 15, 1947 Yaquina Head, Agate Beach and Newport, Lincoln Co, Ore.
652. S. Beaver Creek and Marsh Area, June 15, 1947 , Lincoln Co.
652a. June 15, 1947, Summit, Alsea Hiway, near Mary's Peak Road, Benton Co.
653. June 16, 1947 S. Spur, MacDonald Forest
654. June 17, 1947, Stewart Lake, Benton Co.
655. June 17, 1947, 12-mile Swamp, Bruce Station, Benton Co.
656. June 19, 1947, S . Spur, MacDonald Forest
657. June 21, 1947, Dallas to Wallace Bridge
658. June 21, 1947, Miami River, Tillamook Co., 1030 a.m.
659. June 25, 1947, 12-mile Swamp, Bruce Station, Benton Co.
660. June 25, 1947, Monroe, Benton Co to Cheshire, Lane Co.
661. June 25, 1947, Fern Ridge Dam and vicinity, Lane Co.
662. June 25, 1947, Lorrane to Anlauf, Douglas Co.
663. June 25, 1947, Coast Fork of Willamette River at Creswell, Lane Co.
664. June 25, 1947, Cloverdale and vicinity, Lane Co.
665. June 25, 1947, Willamette R., 1½ miles south of Springfield, Lane Co.
666. June 26, 1947, McKenzie R., N and NE of Springfield, Lane Co.
667. June 26, 1947, Coburg, Lane Co., to Halsey, Linn Co, and Twinn Buttes
668. June 30, 1947, MacDonald Forest, Saddle Area, Benton Co.
669. July 2, 1947 Sulphur Springs, MacDonald Forest
670. July 2, 1947 MacDonald Forest, Summit area and E slope, Benton Co.
671. July 6, 1947 Clackamas River, north of Oregon City.
672. July 12, 1947 MacDonald Forest, Peavy Cabin area, Benton Co.
673. July 13, 1947 Middle Santiam River, Linn Co.
674. July 14, 1947, Salem, Oregon
675. July 18, 1947, MacDonald Forest, Benton Co.
676. July 20, 1947, 12-mile Swamp, Bruce Station,
677. July 24, 1947, 12-mile Swamp, Bruce Station
678. July 24, 1947, Monroe to Cheshire, Lane Co.
679. July 24, 1947, Hill ridge north of Fern Ridge Dam, Lane Co.
680. July 24, 1947, 4 miles west of Elmire, Lane Co.
681. July 24, 1947, Fern Ridge Reservoir, Lane Co., and vicinity.(Riverview Scl. S of
682. July 24, 1947, Harrisburg, Lane Co to Peoria, Linn Co. Junction City)
683. July 30, 1947, Woodburn Golf Course.
684. Aug. 2, 1947, Avery Park, Corvallis
685. Aug. 3, 1947, Willamette R. Gravel Pits, Corvallis.
686. Aug. 7, 1947, MacDonald Forest, Benton Co.
687. Aug. 7, 1947, Coffin Butte, near west side of Camp Adair, Benton Co.
688. Aug. 8, 1947, Fern Ridge Reservoir, Lane Co.
689. Aug. 8, 1947, Cascade Foothills, NE Lane Co., SE of Harrisburg
689a. Aug. 8, 1947, Summary of birds from Corvallis-Eugene-Brownsville, and Corvallis.
690. Aug. 9, 1947, 12-mile Swamp, Bruce Station, Benton Co.
691. Aug. 9, 1947, Peoria Ferry and vicinity, Benton Co.
692. Aug. 10, 1947, Stewart Lake, N of Corvallis, Benton Co.
693. Aug. 11, 1947, MacDonald Forest, Benton Co.
694. Aug. 12, 1947, N. Cemetery Hill, Corvallis.
695. Aug. 13, 1947, "Poison Oak" Lake, Linn Co., 4 miles E of Corvallis, Benton Co.
696. Aug. 13, 1947, west of Peoria Ferry, Benton Co.
697. Aug. 13, 1947, 12-mile Swamp, Bruce Sta., Benton Co.
698. Aug. 16, 1947, E side Camp Adair, Benton Co.
699. Aug. 19, 1947, Woodburn, Pudding River, and Hubbard, Marion Co.
700. Aug. 20, 1947, Salem to Independence.
701. Aug. 22, 1947, 12-mile Swamp, Bruce Sta., BentaonCo.
702. Aug. 22, 1947, 12-mile Swamp to Bellfountain and Greenbery Jct, on Philomath Road.
703. Aug. 23, 1947, Willamette R. Gravel Pits, Corvallis
704. Aug. 23, 1947, Avery Park, Corvallis
705. Aug 20,21,23,24, Corvallis, and Willamette R. Gravel Pits, Corvallis.

7[illegible]6. Aug. 27, 1947, Willamette R. Gravel Pits, Corvallis.
7[illegible]7. Aug. 27, 1947, Avery Park, Corvallis
7[illegible]8. Aug. 29, 1947, Oak-fir ridge, north of Fern Ridge Lam, Lane Co.
7[illegible]9. Aug. 29, 1947, 12-mile Swamp, Bruce Station, Benton Co.
7[illegible]0. Aug. 29, 1947, Fern Ridge Reservoir, Lane Co., and vicinity.
7[illegible]1. Aug. 29, 1947, 4 miles W. of Elmira, Lane Co.
7[illegible]2. Aug. 29, 1947, Glenbrook and Vicinity of Alpine, Benton Co.
7[illegible]3. Aug. 29, 1947, Bellfountain to Greenberry Jct., on Philomath Road, Benton Co.
714. Aug. 31, 1947, Corvallis, city, and Gravel Pits (Aug. 25-31).
715. Sept. 3, 1947, Avery Park, Corvallis
7[illegible]6. Sept. 4, 1947, 8 miles NE of Newberg, Washington Co.
7[illegible]7. Sept. 7, 1947, Gravel Pits, Corvallis
7[illegible]8. Sept. [illegible], 1947, 12-mile Swamp, Bruce Station, Benton Co.
7[illegible]9. Sept. [illegible], 1947, E and N of Tinkle Butte, Benton Co.
7[illegible]0. Sept. 10, 1947, Big Lake, Linn Co. (4650').
7[illegible]1. Sept. 10, 1947, Sand Mtn. Linn Co.
7[illegible]2. Sept. 11, 1947, Big Lake, Linn Co.
7[illegible]. Sept. 11, 1947, Potjen Lakes, Linn Co.
7[illegible]4. Sept. 11, 1947, Hayrick Butte, Linn Co.
7[illegible]5. Sept. 12, 1947, Big Lake, Linn Co.
7[illegible]6. Sept. 12, 1947, Big Lake to Clear Lake, Clear Lake to Belknap Springs,
7[illegible]7. Sept. 13, 1947, Coffin Butte, Camp Adair, Benton Co.
7[illegible]8. Sept. 13, 1947, Helmick State Park, Polk Co.
7[illegible]9. Sept. 15, 1947, Woodburn, Oregon
7[illegible]0. Sept. 15, 1947, Belcher Golf Course, Mt. Hood, Clackamas Co.
7[illegible]1. Sept. 17, 1947, Poison Oak Lake, Linn Co, 8 miles E of Corvallis
7[illegible]. Sept. 17, 1947, Stewart Lake, Benton Co.
7[illegible]3. Sept. 18, 1947, Avery Park, Corvallis
7[illegible]4. Sept. 20, 1947, 12-mile Swamp, and en-route
7[illegible]5. Sept. 23, 1947, Plats west of Greenberry Sta., Benton Co.
7[illegible]6. Sept. 20, and 21, 1947, Stewart Lake, and Corvallis, Benton Co.
7[illegible]7. Sept. 23, 1947, Avery Park, Corvallis
7[illegible]8. Sept. 25, 1947, Corvallis to 12-mile Swamp and return.
7[illegible]9. Sept. 25, 1947, 12-mile Swamp
7[illegible]0. Sept. 28, 1947, Corvallis to 12-mile Swamp, and return
7[illegible]1. Sept. 28, 1947, 12-mile Swamp
7[illegible]2. Sept. 28, 1947, Ridge E of Fern Ridge Reservoir
7[illegible]3. Sept. 30, 1947, Fern Ridge Reservoir
744. Sept. 30, 1947, 12-mile Swamp
745. Oct. 3, 4, 5, 1947, Corvallis, Benton Co.
746. Oct. 7, 1947, Corvallis to 12-mile Swamp, and return
747. Oct. 7, 1947, 12-mile Swamp
748. Oct. 14, 1947, Corvallis to 12-mile Swamp, and return
749. Oct. 14, 1947, 12-mile Swamp
750. Oct. 14, 1947, Hills 8 miles W of 12-mile Swamp
751. Oct. 16, 1947, Dixon Creek Ridge, and W. Cemetery Hill, Corvallis, Oregon
752. Oct. 20, 1947, Willamette R. Gravel Pits, Corvallis
753. Oct. 21, 1947, Corvallis-12-mile Swamp and return.
754. Oct. 21, 1947, 12-mile Swamp, Bruce Station,
755. Oct. 21, 1947, Ridge 8-miles W. of 12-mile Swamp, Benton Co.
756. Oct. 24, & 25, 1947 Hill Pond at Daley and Corvallis, Oregon.
757. Oct. 26, 1947 Corvallis-12-mile Swamp and return.
758. Oct. 28, 1947 12-mile Swamp, Bruce Station, Benton Co.
759. Nov. 3, 1947 Corvallis, O.A.C. Campus
760. Nov. [illegible], 1947 Corvallis-12mile Swamp, and return.
761. Nov. [illegible], 1947 12-mile Swamp, Bruce Station, Benton Co.
762. Nov. [illegible], 1947 Corvallis-12-mile Swamp, and return.
763. Nov. [illegible], 1947 12-mile Swamp, Bruce Station, Benton Co.
764. Nov. [illegible], 1947 Oak-hill S. of Philomath, Benton Co.
765. Nov. [illegible], 1947 Philomath, to hills south, and east to Bell., Benton Co.

766. Nov. 25, 1947 Corvallis-12-mile Swamp, and return.
767. Nov. 25, 1947 Oak-fir hills W of 12-mile Swamp.
768. Nov. 25, 1947 12-mile Swamp, Bruce Station, Benton Co.
769. Nov. 27, 1947 Pudding River, Woodburn, Oregon
770. Nov. 28, 1947 Timberline Lodge, Mt. Hood, Clackamas County. 6000' - 6500'.
771. Nov. 29, 1947 Summit Meadows, Government Camp, 5800'.
772. Nov. 29, 1947 Timberline Lodge, Mt. Hood. 6000' - 6500'.
773. Dec. 3, 1947 Avery Park, [illegible]
774. Dec. 6, 1947 Philomath to Tidewater on [illegible]
775. Dec. 6, 1947 Alsea River from Tidewater to Waldport
776. Dec. 6, 1947 Fern Ridge, [illegible]
777. Dec. [illegible]
778. Dec. [illegible]
779. Dec. 7, 1947 Corvallis to 12-mile Swamp and Return,
780. Dec. [illegible]
781. Dec. 7, 1947 12-mi
782. Dec. 7, 1947 Fern Ridge, N of Fern Ridge Res.
783. Dec. 7, 1947 Fern Ridge Reservoir,
784. Dec. 14, 1947 Mary's Peak Summit, Benton Co. (4097'.
785. Dec. 16, 1947 Corvallis to 12-mile Swamp and Return.
786. Dec. 16, 1947 12-mi
787. Dec. 16, 1947 O.S.C. Campus,
788. Dec. [illegible], 1947 Corvallis,
789. Jan. 4, 1948 Corvallis - Philomath, and

790. Jan. 6, 1948 Corvallis to 12-mile Swamp and return.
791. Jan. 6, 1948 12-mile Swamp, Bruce Station, Benton Co.
792. Jan. 6, 1948 Oak-Fir hills W of Greenberry Station, Benton Co.
7922 JAN. 7 1948 12-MILE SWAMP MARSHALL + MCALISTER.
793. Jan. 11, 1948 S. Santiam Hiway, Linn Co (at upper bridge). -
794. Jan. 18, 1948 12-mile Swamp
795. Jan. 20, 1948 Corvallis to 12-miel Swamp, and return.
796. Jan. 20, 1948 12-mile Swamp, Bruce Station
797. Jan. 23, 1948 Corvallis
797a. Feb. 1, 1948 Corvallis
798. Feb. 3, 1948 Corvallis to 12 mile-Swamp, and return.
799. Feb. 3, 1948 12-mile Swamp
800. Feb. 7, 1948 Corvallis
801. Feb. 8, 1948 Bruce Station, Benton Co. to Cheshire, Lane Co.
802. Feb. 8, 1948 Cheshire to Fern Ridge Reservoir, Lane Co.
803. Feb. 8, 1948 Fern Ridge Reservoir, Lane Co.
804. Feb. 8, 1948 12-mile Swamp, Bruce Sta.
805. Feb. 8, 1948 Corvallis to 12-mile Swamp, and return.
806. Feb. 11, 1948 "Poison Oak" Lake, Linn Co, 3 mi. east of Corvallis.
807. Feb. 11, 1948 Stewart Lake, 1½ miles N of Corvallis
808. Feb. 11, 1948 Dixon Creek and Oak Creek valleys, N & W of Corvallis.
809. Feb. 10, 1948 12-mile Swamp, Bruce Station.
810. Feb. 14, 1948 12-mile Swamp (also Feb. 15th).
811. Feb. 15, 1948 4 miles SE of Monroe, Benton Co.
812. Feb. 16, 1948 Corvallis to 12-mile Swamp, and return
813. Feb. 16, 1948 12-mile Swamp, Bruce Sta.
814. Feb. 16, 1948 Oak Fir hills W of 12-mile Swampt
815. Feb. 23, 1948 Corvallis, Oregon
816. Feb. 24, 1948 Corvallis to 12-mile Swamp, and return.
817. Feb. 24, 1948 12-mile Swamp, Corvallis
818. Feb. 24, 25, 1948 OSC Campus, Corvallis.
819. Feb. 28, 1948 Stewart Lake, 1½ miles N of Corvallis.
820. Feb. 28, 1948 Peavy Cabin, MacDonald Forest, N of Corvallis
821. Feb. 28, 1948 Oak Creek, W of Corvallis
822. Feb. 29, 1948 Mary's R. above Corvallis.
823. Feb. 29, 1948 12-mile Swamp, Bruce Sta., Benton Co.
824. Mar. 6, 1948 12-mile Swamp
825. Mar. 7, 1948 12-mile Swamp
826. Mar. 9, 1948 Corvallis - 12-mile Swamp, and return.

827. Mar. 9, 1948 12mmile Swamp, Bruce Station, Benton Co, Oregon
828. Mar. 11, 12, 1948 - OSC Campus, Corvallis
829. Mar. 14, 1948 - Corvallis to 12-mile Swamp, Benton Co.
830. Mar. 14, 1948 - 12mile Swamp, Benton Co.
831. Mar. 14, 1948 - Bruce Station Benton Co to Fern Ridge Lam, Lane Co.
832. Fern Ridge Reservoir, Mar. 14, 1948.
833. Mar. 14, 1948 - Bailey Hill, SW of Eugene, Lane Co.
834. Mar. 14, 1948 - Coburg to "Incednse Cedar" Area, Lane-Linn Co.
835. Mar. 14, 1948 - Incense Cedar Area, to Brownsville, Linn Co. and Peoria.
836. Mar. 17, 1948 - Woodburn, Pudding R. and E. of Gervais
837. Mar. 20, 1948 - Hoodoo Ski Lodge, Santiam Pass, Lin Co.
838. Mar. 23, 1948 - Corvallis to 12-mile Swamp and Return, Benton Co.
839. Mar. 23, 1948 - 12-mile Swamp, Benton Co.
840. Mar. 25, 1948 - Corvallis
841. Mar. 26, 1948 - Oak Ridge, 2 miles W of Corvallis
842. Mar. 27, 1948 - Oak Ridge, 2 miles W of Corvallis
843. Mar. 30, 1948 - Corvallis to 12-mile Swamp and Return, Benton Co.
844. Mar. 30, 1948 - 12-mile Swamp, Benton Co, Bruce Station.
845. Apr. 4, 1948 - Poison Oak Lake, Linn Co.
846. Apr. 4, 1948 - Owl Creek, Linn Co, SE of Corvallis, Benton Co. and "Davis" Lake.
847. Apr. 4, 1948 - Oak Creek, 2 miles W of Corvallis.
Apr. 5, 1948, Corvallis, and Adair Village, Benton Co.
848. Apr. 10, 1948 - 12-mile Swamp, Benton Co.
849. Apr. 13, 1948 - Oak-fir hills 3 miles W of 12-mile Swamp
850. Apr. 13, 1948 - 12-mile Swamp
851. Apr. 14, 1948 - 12-mile Swamp
852. Apr. 16, 1948 - Corvallis
853. Apr. 18, 1948 - Avery Park, Corvallis.
854. Apr. 17 & 18, 1948 - Mt. Tabor Park, Portland, and Government Island, Col. River.
855. Apr. 19, 1948 - Avery Park, Corvallis. And Owl Creek, Linn Co.
856. Apr. 20, 1948 - Corvallis to 12-mile Swamp.
857. Apr. 20, 1948 - 12-mile Swamp
858. Apr. 21, 1948 - Owl Creek, Linn Co.
859. Apr. 23, 1948 - 12-mile Swamp
860. Apr. 25, 1948 - 12-mile Swamp, and Avery Park, Benton Co.
861. Apr. 25, 1948 - 12-mile Swamp.
862. Apr. 26, 1948 - Corvallis
862a APR. 27 1948 - 12-MILE SWAMP, BENTON CO., ORE. - MARSHALL + McALLISTER
863. May 1, 1948 - Oak Creek West of Corvallis, Benton Co
864. May 1, 1948 - OSC Campus.
865. May 1, 1948 - Corvallis to McFadden Duck Trap and MacDonald Forest.
866. May 1, 1948 - MacDonald Forest, Benton Co.
867. May 1, 1948 - Avery Park, Corvallis.
868. Corvallis to 12-mile Swamp, 12-mile Swamp, and to Fern Ridge., May 1, 1948.
869. May 1, 1948 - Fern Ridge Resevois, Lane Co.
870. May 4, 1948 - 12-mile Swamp
871. May 6, 1948 - Corvallis
872. May 8, 1948 - Corvallis and Camp Adair.
873. May 9, 1948 - Pudding River, Woodburn
874. May 9, 1948 - Ledbetter Peninsula - Columbia-Willamette Rivers, Portland.
875. May 11, 14, 1948 - Corvallis, and Camp Adair, Benton Co.
876. May 15, 1948 - Corvallis, OSC Campus, and Avery Park
877. May 15, 1948 - 12-mile Swamp - Thatta day !
878. May 17, 1948 - 12-mile Swamp - 1030 p.m.
879. May 18, 1948 - Mary's Peak, Benton Co.
880. May 18, 1948 - 12-mile Swamp.
880a - MAY 22, 1948 - 12-MILE SWAMP
881. May 23, 1948 - Woodburn, Oregon
882. May 30, 1948 - Monmouth - Corvallis, Oregon.

884. May 30, 1948, Yaquina Bay, south of Channel, beach and woods.
885. May 31, 1948, Yaquina Head, Agate Beach, and Hidden Lake (N. of Newport).
885. June 1, 9, 1948, Corvallis, OSC Campus, Oregon.
886. June 5, 1948. Woodburn, Oregon
887. June 11, 1948. Fern Ridge Reservoir, Lane Co.
888. June 13, 1948. 12-mile Swamp, Bruce Station, Benton Co. south of Corvallis.
889. June 14, 1948. 12-mile Swamp, Bruce Station
890. June 20, 1948. [illegible], Corvallis, Oregon.
891. June 21, 1948. [illegible] Swamp.
891. June [illegible], 1948. [illegible]-mile Swamp. and Cottage Grove
892. June 23, 1948. Coast Fork, Willamette River, east of/Creswell, Lane Co.
893. June 26, 1948. Cottage Grove Reservoir, Lane Co.
894. June [illegible], 1948. 12-mile Swamp, Benton Co.
895. July [illegible], 1948. 12-mile Swamp, Benton Co., N. Cemetery Hill, [illegible]
895a. July 8, 1948. Macdonald Forest, Benton Co.
896. July 11, 1948. Corvallis to 12-mile Swamp.
897. July [illegible], 1948. 12-mile Swamp
898. July 16, 1948. 12-mile Swamp to Cheshire, and Fern Ridge Reservoir, Lane Co.
899. July 17, 1948. Willamette River, 2 miles below Oregon City, Clackamas Co
900. July [illegible], 1948. Corvallis to 12-mile Swamp, Benton Co. 12-mile Swamp
901. July [illegible], 1948. 12-mile Swamp to Fern Ri
901a. July 21, 1948. Fern Ridge Reservoir, Lane C .
902. Cottage [illegible] Reservoir, Lane Co.
903. July [illegible], 1948. Summit Prairie - Yoncalla Pass (Willamette-Umpqua).
904. July 26, 1948. Scott Valley (S. of Yoncalla) Douglas County.
905. July [illegible], 1948. 4.5 miles north of Oakland, on U. S. 99.
906. July [illegible], 1948. North Umpqua River, below Winchester Bridge, U. S. 99.
907. July [illegible], 1948. North Umpqua at Myrtle Creek, Douglas County.
908. July [illegible], 1948. Rogue-Umpqua Divide.
909. July [illegible], 1948. Trail Creek, 4 miles N of Trail, Jackson Co.
910. July [illegible], 1948. Garfield Peak, S. Rim Crater Lake N. P.
911. July [illegible], 1948. [illegible] Gate, Crater Lake, N. P.
912. July [illegible], 1948. Crater Lake Rim.; The Watchman, Llao Rock.
913. July 25, 1948. Sutton Ridge, and Sand Creek, south of Rim area, Crater Lake.
914. July 26, 1948. [illegible] Gate Crater Lake N. P.
915. July 26, 1948. Whitehorse Rock Quarry on S. Entrance Road, Crater Lake.
916. July 26, 1948, Annie Springs, Crater Lake N. P.
917. July 26, 1948. Rim, Crater Lake N. P.
918. July 26, 1948, Munson Valley, Crater Lake, 6550'.
919. July [illegible], 1948, Fort Klamath
920. July 27, 1948, Pine meadow, N of Rocky Point, W. side Klamath Lake.
921. July 27, 1948, N. area of Klamath Marshes, & adjacent forests.
922. July [illegible], 1948, Klamath Marshes near Rocky Point on west side.
923. July 27, 1948, East side, Klamath Lake from K. Falls to Klam. Agency.
924. July 27, 1948, Davis Lake, 7 miles N. of Willamette Pass [illegible].
925. July 28, 1948, Cultus Lake
926. July 28, 1948, Deschutes Bridge
927. July 28, 1948, Little Lava Lake
928. July 28, 1948, Mud Lake, S of Elk Lake
929. July 29, 1948, Scott Lake, Mc Kenzie Pass, 4750'.
930. July [illegible], 1948, 12-mile Swamp, Benton Co., south of Corvallis.
931. Aug. 12, 1948, Pudding R, W of Mt. Angel, Marion Co.
932. Aug. 18, 1948, Woodburn, 521 Hayes St.
933. Aug. 20, 1948, Pudding R, Woodburn, and return.
934. Aug. 22, 1948, Woodburn, 521 Hayes St.
935. Aug. 22, 1948, Needy-Mollala, Clackamas Co.
936. Aug. 28, 1948, Silverton-Silver Creek Falls State Park, Marion Co.
SE Foster Road, Portland, Oregon
937. Aug. 30, 1948, 12-mile Swamp, Benton County, south of Corvallis.
938.

938. Aug. 31, 1948, Shasta Dam to Redding, California. SHASTA CO.
939. Aug. 31, 1948, Corning to Willows, TEHAMA CO. GLENN CO.
940. Aug. 31, 1948, Willows to Williams, COLUSA CO.
941. Aug. 31, 1948, Williams to Sacramento, California.
942. Sept. 4, 1948, Gorman (N. of Los Angeles)., LOS ANGELES CO.
943. Sept. 5, 1948, ~~Griffith~~ Westlake, Los Angles
944. Sept. 5, 1948, Griffith Park, Los Angeles.
945. Sept. 5, 1948, LaBrea Tar Pits, Wilshire Blvd, Los Angeles.
946. Sept. 6, 1948, Fresno-Madera, and Merced to Attwater. MERCED CO.
947. Sept. 8, 1948, Sacramento Wildlife Refuge, Willows, Calif. GLENN CO.
948. Sept. 10, 1948, Jamestown, Toulomne County.
949. Sept. 12, 1948, Capitol Park, Sacramento.
950. Sept. 15, 1948, San Francisco Bay, Berkeley. ALAMEDA CO.
951. Sept. 18, 1948, Freeport to Antioch Bridge, Contra Costa Co. SACRAMENTO CO.
952. Sept. 18, 1948, Twitchell Is. Jct., along route of #951. SOLANO OR SACRAMENTO CO.
953. Sept. 18, 1948, Antioch Bridge, south end, Contra Costa Co.
954. Sept. 19, 1948, Natoma below Folsom. SACRAMENTO CO.
955. Sept. 20, 1948, Folsom-Placerville, EL DORADO CO.
956. Sept. 25, 1948, North Sacramento, Roseville, PLACER CO. Lincoln, Marysville, YUBA CO. Wheatland.
957. Sept. 25, 1948, Grey Lodge State Refuge, Gridley, and Pennington. SUTTER CO.
957a. " 25, 1948 - 12-mile Swamp, Oregon - O.S.M. BUTTE CO.
958. Sept. 26, 1948, Natoma (2 Mi. W of Folsom), and Folsom Dam Site, Sacto. Co.
959. Sept. 26, 1948, American River at Fair Oaks, Sacto. Co.
960. Sept. 28, 1948, Farmington Reservoir Site, N. Stanislaus Co.
961. Sept. 28, 1948, Woodward Reservoir, N. of Oakdale, Stanislaus Co.
962. Sept. 28, 1948, Mariposa Dam Site, E of LaGrand, in Mariposa Co.
963. Sept. 28, 1948, Owens Dam Site, E of Planada, in Mariposa Co.
964. Sept. 28, 1948, Bear Dam Site ENE of Planada, Merced Co, in Mariposa Co.
965. Sept. 29, 1948, Burns Dam Site, NE of Planada, in Merced Co.
966. Sept. 29, 1948 Planada-Lingard, Merced Co.
967. Sept. 29, 1948, Lingard to 10-miles S of Merced, Merced Co., and to Merced.
968. Oct. 2, 1948, Suisun to Grizzly Island Ferry, Solano Co.
Suisun State Refuge, Joyce Island, Solano Co.
968a. Oct. 3, 1948, 12-mile Swamp, Benton Co, S of Corvallis, by Dave Marshall.
969. Oct. 3, 1948, S. of Placerville, El Dorado Co.
970. Oct. 3, 1948, Osgood Swamp, NE of Echo Lake,, El Dorado Co.
971. Oct. 3, 1948, W. side Lake Tahoe, California, El Dorado and Placer Co.
972. Oct. 4, 1948, Carson City-Virginia City area. Ormsby & Storey Co. Nevada
971a. Oct. 4, 1948, 1 mile N of Cave Rock, Lake Tahoe, Nevada, Douglas Co.
973. Oct. 4, 1948, Lahontan Reser voir, Lyon Co, Nevada.
974. Oct. 4, 1948, Vicinity of Fallow, and Leetville Jct., Churchill Co, Nevada.
975. Oct. 4, 1948, Fernley Sink, NW of Fernley, Lyon Co., Nevada.
976. Oct. 5, 1948, Lovelock, Pershing Co., Nevada.
977. Oct. 6, 1948, Floriston to Truckee, Nevada Co, California
978. Oct. 6, 1948, NE of Auburn, U. S. 40, "Sleepy Hollow", Placer Co.
979. Oct. 11, 1948, Folsom Res. Site, Sacto, Placer, & El Dorado Co, Calif:
980. Oct. 13, 1948, Folsom Res. Site, Ditto.
981. Oct. 15, 1948, Folsom Res. Site, S. Fk, Amer. R., and Salmon Falls, El Dorado Co.
982. Oct. 15, 1948, Folsom Res., Site, Jct. S & N Fks, Amer. R., and Natomas Res. Sacto 6
982a. OCT. 15 1948 12-MILE SWAMP, OREGON? O.S.M.
983. Oct. 21, 1948, Folsom PG&E powerhouse, Anderson Cr. pool, Chrome Cr, N. Fk.
984. Oct. 23, 1948, Grey Lodge Refuge, SW Butte Co, SW of Gridley
985. Oct. 23, 1948, Roseville, Sacto, Co to Marysville, Yuba Co, and to Grey Lodge.
986. Oct. 30, 1948, Bayshore Drive, Richmond to Oakland-San Francisco Bridge, Alamda Co
987. Oct. 30, 1948, Stow Lake, Golden Gate Park, San Francisco, Calif:
988. Oct. 30, 1948, Spreckles Lake, ditto
989. Oct. 30, 1948, N. Chain-of-lakes, ditto.
990. Oct. 30, 1948, Seal Rocks, at Cliff House, San Francisco
991. Oct. 30, 1948, Bay Farm Island, S of Alameda, Alameda Co.
992. Oct. 30, 1948, Lake Merritt, Oakland, Alameda Co,
993. Oct. 31, 1948, Martinez, Contra Costa County.
994. Nov. 2, 1948, Folsom Res. Sacto, El Dor., and Placer Co. California.
994a. NOV. 6, 1948 12-MILE SWAMP, OREGON, O.S.M.

995. Nov. 6, 1948, Perkins to Slough House, Sacramento Co., California.
Slough House to Jct. of Ione Road, Sacto, Co.
996. Nov. 6, 1948, Jct. St. Hiway 16 w/Ione Road Sacto Co to Ione, Amador Co.
997. Ione, Amador Co - Pardee Res., Amador-Calaveras Co.
997. Nov. 6, 1948, Pardee Res., Amador - Calaveras Co.
998. Nov. 6, 1948, Pardee Res to Calaveras (Hogan) Res., Calaveras Co.
999. Nov. 6, 1948, Hogan or Calaveras Res., Calaveras Co. & Valley Springs.
1000. Nov. 6, 1948, Clay-Sheldon, Sacramento County.
1000a. Nov. 13 1948 12-MILE SWAMP, OREGON D.B.M.
1001. Nov. 13, 1948, Bayshore-Drive, Berkeley-Oakland, Alameda Co.
1002. Nov. 13, 1948, Santa Cruz, Santa Cruz Co.
1003. Nov. 13, 1948, Palm Beach, SW of Watsonville, Santa Cruz Co.
1004. Nov. 14, 1948, Monterey, Monterey Co.
1005. Nov. 14, 1948, Mouth of the Salinas R., Monterey Co.
1006. Nov. 14, 1948, Salinas R. above Spreckels, W. of Gonzales, Arroyo Seca, and east of Greenfield, all along the Salinas R., Monterey Co.
1007. Nov. 14, 1948, Bradley, and Nacimiento Dam Site, Monterey Co.
1008. Nov. 15, 1948, El Diablo Range, near Priest Valley, Monterey Co.
1009. Nov. 15, 1948, Fresno Co. line to Coalinga Minteral Spring Junction, Fresno Co.
1010. Nov. 15, 1948, 35 miles of bare-ground N of Coalinga, Fresno Co.
1011. Nov. 15, 1948, Los Banos State Refuge, Merced Co.
1012. Nov. 15, 1948, S of Los Palos, and West-side Grasslands, NE of Los Banos-Gustine.
1013. Nov. 18, 1948, Winkle Lake, Benton County, Oregon - by David B. Marshall
1014. Nov. 25, 1948, West and East Moreland Ponds, Portland, Oregon, by D.B.M.
1015. Nov. 25, 1948, Or oville Dam Site , Feather R, Butte Co.
1016. Nov. 25, 1948, Jarbo Gap Summit, 2400', Butte Co.
1017. Nov. 25, 1948, Pulga to Brush Creek, Butte Co, up to 3500'.
1018. Nov. 25, 1948, Madrone Res., Butte Co, 1975' elev,, and Berry Cr. Sta., Feather R.
1019. Nov. 25, 1948, Bidwell Bar and Lake Wyandotte, Butte Co. Butte Co.
1020. Nov. 25, 1948, N of Honcut, Butte Co.
1021. Nov. 29, 1948, Sierra Foothills, near Stanislaus R, & Sonora, Tuolumne Co.
1022. Nov. 30, 1948, Strawberry-Beardsley Flat, Mid, Fk. Stanislaus R., " "
and from Strawberry on C.S.H. 108) to 10 mi. W of Dardanelle.
1023. Nov. 30, 1948, Niagra Creek, 6700' elev., Tuolumne Co.
1024. Nov. 30, 1948, Phoenix Lake, east of Sonora, Tuolumne Co.
1025. Nov. 30, 1948, Pardee Reservoir, Mokelumne R. Amador Co.
1026. Dec. 2, 1948, W. side Lake Tahoe, Emerald Bay, and Truckee R. outlet.
1027. Dec. 2, 1948, Boca Reservoir, Nevada Co.
1028. Dec. 2, 1948, Donner Lake, 6000', Nevada Co.
1028a DEC. 22, 1948 SMITH, LAKE, MOUTH WILLAMETTE R., NEAR PORTLAND, OREGON = D.B. MARSHALL
1029. Dec. 23, 1948, Pudding River, Woodburn, Marion Co. Oregon.
1029a DEC. 26, 1948 RAMSEY LAKE (CITY DUMP, NEAR OREGON SHIPYARDS, PORTLAND, OREGON. = D.B. MARSHALL
1030. Dec. 29, 1948, south of Los Molinos, Tehama County.
1031. Dec. 29, 1948, Gray Lodge State Refuge, SW Butte Co.
1032. Jan. 2, 1949, Elk Grove, Sacramento Co.
1033. Jan. 2, 1949, Alum Rock Canyon and Reservoir, NE of San Jose, Santa Clara Co.
1034. Jan. 3, 1949, King City-Bitterwater, San Benito Co,
1035. Jan. 3, 1949, King City-Jolon (Hunger-Liggett Res.), Monterey Co.
1036. Jan. 4, 1949, Atascadero Lake, San Luis Obispo Co.
1037. Jan. 4, 1949, Salinas Reser voir, San Luis Obispo Co.
1038. Jan. 4, 1949, Nacimiento Dam Site, Monterey Co.
1039. Jan. 5, 1949, Monterey-Carmel, 17-mile Drive, Monterey Co.
1040. Jan. 5, 1949, Point Lobos State Park, Monterey Co.
1040a. Jan. 5, 1949, Carmel Valley-Salinas, Monterey Co.
1041. Jan. 5, 1949, Salinas to Hollister, and Hollister-summit Pacheco Pass, San Benito
1042. Jan. 5, 1949, Crows Landing, Stanislaus Co. Co.
1042a JAN. 6, 1949 OREGON STATE CAMPUS, CORVALLIS, OREGON.
1043. Jan. 8, 1949, Gray Lodge Refuge, SW Butte Co.
1044. Jan. 9, 1949, Sacramento-Folsom and return, Sacramento Co.
1045. Jan. 11, 1949, 12-mile Swamp, Benton Co., Oregon, David B. Marshall
1045a JAN. 20, 1949 12-MILE SWAMP + CORVALLIS - 12-MILE SWAMP,
1046. Jan. 23, 1949, Sacramento River - Freeport-Sacramento, California. YOLO CO.
1047. Jan. 23, 1949, Lake Washington, SW of West Sacramento, California. YOLO CO.
1048. Jan. 24, 1949, Fresno-Stratford, Kings Co., Calif.
1049. Jan. 24, 1949, Tulare "Lake" and vicinity, Kings Co.
1050. Jan. 24, 1949, Kettleman City-Lost Hills, Kings Co.

1051. Jan. 25, 1949, Isabella Res. Site, Main & S. Fks, Kern R., Kern Co.
~~1052~~ and Kern River Canyon below Isabella
1052. Jan. 25, 1949, Buena Vista Lake Bed, Kern Co.
1052a JAN. 25, 1949 12-MILE SWAMP + CORVALLIS - 12-MILE SWAMP
1053. Jan. 26, 1949, Keene-Mohave, over Tehachapi Pass, Kern Co.
1054. Jan. 26, 1949, Sunset Beach-Huntington Beach, Orange Co.
1055. Jan. 27, 1949, Inner and Outer Mission Bays, San Diego, Calif.
1055a JAN. 27, 1949 12-MILE SWAMP, OREGON - T.H.McA.
1056. Jan. 27, 1949, San Ysidro, San Diego Co.
1057. Jan. 27, 1949, LaJolla, San Diego Co.
1058. Jan. 27, 1949, Santa Margarita River & Deluz Creek Reservoir Site, San Diego Co.
1059. Jan. 28, 1949, Mission San Luis Rey, San Diego Co.
1060. Jan. 28, 1949, Laguna Beach, Orange Co.
1061. Jan. 28, 1949, Santa Monica-Ventura, Ventura Co.
1062. Jan. 28, 1949, Ventura-Santa Barbara, Santa Barbara Co.
1063. Jan. 28, 1949, Santa Barbara-Gaviota, Santa Barbara Co.
1064. Jan. 29, 1949, Nacimiento DAm Site, Camp Roberts, San Luis Obispo Co.
1065. Jan. 29, 1949, San Antonio R. valley W of Bradley to Jolon, Monterey Co.
1066. Jan. 29, 1949, Jolon-Summit of road S of Cone Peak, Monterey Co. (Nacimiento R).
1067. Jan. 29, 1949, Cone Peak road summit to El Camino Real (C.S.H.#1), Monterey Co.
1068. Jan. 29, 1949, Point Lobos, Carmel & Monterey Peninsula, Monterey Co.
1068aa JAN. 30, 1949 12-MILE SWAMP, OREGON T.H.McA.
1068a. Feb. 1, 1949, Long Tom River, Benton Co., Oregon - T.H.McAllister.
1068 b. FEB. 1, 1949 12-MILE SWAMP, OREGON, T.H. McA.
1069. Feb. 5, 1949, Sacramento to Gray Lodge Refuge, SW Butte Co., Calif.
1070. Feb. 6, 1949, Folsom Reservoir Area, Sacramento Co.
1071. Feb. 6, 1949, Gray Lodge Refuge, SW Butte Co.
1072. Feb. 12, 1949, Natomas, Sacramento Co.
1073 b FEB. 15, 1949 LONGTOM R. O.B.M.
1073. Feb. 15, 1949, Jigger Lil area, between N. & S Fks, American R., El Dorado Co.
1073a FEB. 15, 1949 12-MILE SWAMP, OREGON, O.B.M. + O.S.C. CAMPUS.
1074. Feb. 17, 1949, N. of Gridley, Butte Co., and Los Molinos, Tehama Co.
1075. Feb. 19, 1949, Woodburn, Marion Co. Oregon
1076. Feb. 19, 1949, 12-mile Swamp, Benton Co. Corvallis, Oregon. & O.S.C. Campus.
1077. Feb. 24, 1949, 12-mile Swamp, Benton Co. Corvallis, Oregon by D.B.Marshall
1077a FEB. 24, 1949 LONG TOM RIVER, BENTON CO. OREGON T.H.McA.
1078. Feb. 26, 1949, Toledo, Lincoln Co. Oregon, along U.S. 20. by D.B.Marshall
1079. Feb. 26, 1949, Yaquina Bay, Lincoln Co., Oregon, & Yaquina Head Lighthouse.
1080. Feb. 27, 1949, Sacramento, California.
1081. Feb. 27, 1949, 12-mile Swamp, Benton Co. Corvallis, Oregon. D.B.Marshall.
1082. Mar. 4, 1949, Oregon State College Campus, Corvallis, Oregon. D.B.Marshall
1083. Mar. 5, 1949, Lake Washington, Yolo Co, N. of Sacramento, Calif.
1084. Mar. 5, 1949, Natomas, Sacramento Co.
1085. Mar. 5, 1949, Bass Lake, and vicinity, El Dorado Co.
1086. Mar. 5, 1949, from Cosumnes R. to C.S.H. 16 on Latrobe Road, Amador Co.
1086a MAR. 5 1949 12-MILE SWAMP, OREGON - O.B.M.
1087. Mar. 6, 1949, Lower Capay Valley from Capay-Rumsey, Yolo County.
1088. Mar. 6, 1949, Clear Lake Basin, Lake Co.
1089. Mar. 6, 1949, Lower Lake to Calistoga and to St. Helena, Napa Co.
1090. Mar. 6, 1949, ~~Cache Creek~~ Conn Lake Reservoir, E of Rutherford, Napa Co.
1091. Mar. 6, 1949, Rutherford, Napa Co. to Winters, Yolo Co, over Vaca Mountains.
1091a MAR. 6 1949 12-MILE SWAMP, OREGON - O.B.M.
1092. Mar. 8, 1949, Reno, Washoe Co., to Fernley, Churchill Co, Nevada.
1091 b. MAR. 7 1949 12-MILE SWAMP, OREGON - T.H.McA.
1093. Mar. 8, 1949, Fernley, Ocala, Churchill Co., Nevada.
1094. Mar. 8, 1949, Humboldt Sink, Pershing Co., Nevada.
1095. Mar. 9, 1949, Lovelock Irrigation District, Pershing Co, Nevada.&Rye Patch Res.
1096. Mar. 10, 1949, Fallon-Stillwater area, Churchill Co., Nevada.
1097. Mar. 10, 1949, Leetville, W of Fallon, Churchill Co, and Virginia City, Storey Co., Nevada.
1098. Mar. 12, 1949, Lake Washington, W of Sacramento in Yolo Co., Calif.
1099. Mar. 12, 1949, Sacramento R. from W. Sacto to Walnut Grove, San Joaquin Co.
1100. Mar. 12, 1949, Franklin Ranch sloughs, east of Courtland, in SW Sacto. Co.
1101. Mar. 13, 1949, Lake, Washington, W of Sacramento in Yolo Co., Calif.
1102. Mar. 13, 1949, SE of Del Paso RR siding, near Rio Linda, Sacramento Co.
1102a MAR. 13, 1949 12-MILE SWAMP, OREGON - O.B.M.
1103. Mar. 19, 1949, Yolo By-Pass, Yolo County, W of Sacramento, Calif.
1102 b. MAR. 15, 1949 MOUTH OF WILLAMETTE R, LEADBETTER PROPERTY, MULTNOMAH CO, OREGON - O.B.M.
1104. Mar. 19, 1949, C.S.Hiway 48, W of Vallejo, Solano Co.
1105. Mar. 19, 1949, Petaluma Creek and Black Point, Marin Co.
1106. Mar. 19, 1949, Novato to Pt. Reyes Station, Marin Co.
1107. Mar. 19, 1949, Tomales Bay, Marin Co.
1108. Mar. 19, 1949, Inverness, on Tomales Bay, to Pt. Reyes, Marin Co.
1109. Mar. 19, 1949, Pt. Reyes, Marin Co.
1110. Mar. 19, 1949, Bodega Bay, Sonoma Co. California.

1111. Mar. 19, 1949, Bodega Bay to Jenner, Sonoma Co., California.
1111a. MAR. 19, 1949 12-MILE SWAMP, OREGON - D.B.M. + LONG TOM RIVER.
1112. Mar. 20, 1949, Gualala River, Mendocino-Sonoma Co. line.
1113. Mar. 20, 1949, Gualala to Pt. Arena, Mendocino Co.
1114. Mar. 20, 1949, Manchester to east over mtns. to Boonville, Mendocino Co.
1115. Mar. 20, 1949, Boonville, Mendocino Co to Cloverdale, Sonoma Co.
1116. Mar. 20, 1949, Russian River at Geyser ville, Sonoma Co.
1117. Mar. 20, 1949, Conn Lake, E of hutherford, Napa Co.
1118. Mar. 20, 1949, Putah Creek Valley south of Monticello, Napa Co.
1119. Mar. 20, 1949, Lake Washington, Yolo Co., W of Sacramento.
1120. Mar. 21, 1949, Farmington Reservoir Site, Littlejohn Cr., San Joaquin Co.
1121. Mar. 21, 1949, Woodward Reservoir, San Joaquin Co.
1122. Mar. 22, 1949, Fresno-Squaw Valley, Fresno Co.
1123. Mar. 22, 1949, Squaw Valley-Kings Canyon Nat. Park, Fresno Co.
1124. Mar. 22, 1949, Kings Canyon Nat. Park, Fresno Co.
1125. Mar. 22, 1949, C.S.Hiway 180 at Centerville to Pine Flat Res. Site, Fresno Co.
1126. Mar. 22, 1949, Pine Flat Res. Site on Kings R, and up to Trimmer and over pass to Tollhouse, Fresno Co.
1127. Mar. 22, 1949, Friant Dam and Reservoir, Madera-Fresno Co. lines.
1128. Mar. 22, 1949, Kerckhoff Reservoir, upstream from Friant on San Joaqu. R, and on Madera-Fresno Co. lines.
1129. Mar. 24, 25, 1949 Sacramento, and Mills-Fair Oaks, Sacramento Co.
1130. Mar. 26, 1949, Lake Washinton, Yolo Co, W of Sacramento. Also Sacto R.S of Sacto.
1131. Mar. 26, 1949, Sacramento R, E side, near Knights Ferry, Sacto. Co.
1132. Mar. 27, 1949, Folsom Dam Site, Sacramento Co.
1133. Mar. 30, 1949, Garden Hiway from Sacto-Sutter Co. line to 1½ miles North.
1134. Mar. 30, 1949, Chico-Oroville, Butte Co.
1135. Mar. 30, 1949, Morris Ravine Reservoir and Yankee Hill, Butte Co.
1136. Mar. 31, 1949, Vintin Canyon, S. side west branch, Feather R, near Cherokee Bridge, Butte Co.
1137. Mar. 31, 1949, Oroville Dam Site, and Bidwell Bar, Feather R., Butte Co.
1138. Mar. 31, 1949, N. Fork, Big Bend, Feather River, NE of Las Plumas, Butte Co.
1138a. April 2, 1949, Long Tom River, north of Monroe, Benton Co. Oregon. DBM
1138b. April 2, 1949, 12-mile Swamp, Benton Co. Oregon. DBM.
1139. April 2, 1949, Sacramento to Cosumnes River, Sacto. Co. Calif.
1140. April 2, 1949, Hogan Reservoir, Calaveras River, Calaveras Co.
1141. April 2, 1949, Pond between Pardee Reservoir and Valley Springs, Calaveras Co.
1142. April 2, 1949, Hogan Reservoir, Calaveras R. Calaveras Co.
1143. April 4, 1949, Clear Lake, Lake Co.
1144. April 4, 1949, Branscomb Reservoir Area, S.Fk. Feel, R. Mendocino Co.
1145. April 5, 1949, S. Fk., Eel R. from Leggett Valley, Mendocino Co to Lyerville,
1146. April 5, 1949, South of Eel River, Humboldt Co. Humboldt.Co.
1147. April 5, 1949, Humboldt Co. - Eureka, Arcata, Manila, Samoa, etc. Humboldt Co.
1147a APRIL 5 1949 12-MILE SWAMP, BENTON CO. OREGON - T.H.M.H.
1148. April 6, 1949, Confluence S. Fk. with Trinity R, Trinity Co. to Weaverville.
1149. April 6, 1949, Lewiston, Trinity R., Trinity Co.
1150. April 6, 1949, E. side, Sacramento R, Tehama County, north of Jelly Ferry.
1151. April 8, 1949, Grass Lake, Siskiyou County, Calif
1152. April 8, 1949, Klamath Marshes, N & S of Klamath Falls, Oregon.
1153. April 8, 1949, 12-mile Swamp, Benton Co. Oregon, DBM
1154. April 8, 1949, OSC Campus, Corvallis, Oregon
1155. April 10, 1949, Oak hillside, 1 mile west of 12-mile Swamp, Benton Co. Oregon
1156. April 10, 1949, 12-mile Swamp
1157. April 12, 1949, OSC Campus, Corvallis, Oregon
1158. April 14, 1949, Philomath, Benton Co. Oregon
1159. April 16, 1949, 12-mile Swamp
1160. April 16, 1949, hillside, 3 miles west of 12-mile swamp.
1161. April 16, 1949, hill 2 miles west of 12-mile Swamp, Benton Co. Oregon. DBM.
1162. April 16, 1949, Lake Washington, Yolo Co, W of Sacramento, California.
1163. April 16, 1949, W. Sacramento to Rio Vista, Sacto Co. Calif.
1164. April 17, 1949, 12-mile Swamp, Benton Co. Oregon, DBM.

1165. April 19, 1949, Branscomb Res. area, S. Fk. Eel R., Mendocino Co, Calif.
1166. April 20, 1949, Humbolat Bay, Eureka to Arcata, Humbolat Co. Calif.
1167. April 20, 1949, Blue Lake to Willow Creek, Humbolat Co. Calif.
1168. April 20, 1949, Weaverville, Trinity County, Calif.
1169. April 20, 1949, Redding, Shasta Co., Calif. to Red Bluff, Tehama Co.
1170. April 20, 1949, Vina, Tehama Co., Calif.
1171. April 21, 1949, Oroville, Butte Co. Calif.
1172. April 21, 1949, Bidwell Bar, S. Fk, Feather R, Butte Co. Calif.
1173. April 21, 1949, Lake,Madrone, Berry Creek, Butte Co.
1174. April 21, 1949, S. Fk., Feather R., Butte Co. Calif.
1175. April 21, 1949, Lake Wyandotte, Butte Co.
1176. April 21, 1949, Bangor to Marysville, Yuba Co., California.
1177. April 21, 1949, 12-mile Swamp, Benton Co. Oregon, DBM
1178. April 21, 1949, 2 miles W of 12-mile Swamp, Benton Co. Oregon, DBM.
1179. April 23, 1949, Skunk Cr., Branch of Oak Creek, Benton Co. Oregon DBM
1180. April 23, 1949, Grey Lodge Refuge, SW Butte Co. California.
1181. April 23, 1949, Marysville, Yuba Co. Calif.
1182. April 24, 1949, Franklin Ranch Sloughs, E. of Courtland, Sacramento Co.
1183. April 24, 1949, Lake Washington, Yolo Co., W. of Sacramento.
1184. April 26, 1949, 3 miles west of 12-mile Swamp, Benton Co. Oregon, DBM
1185. April 29, 1949, 3 miles west of 12-mile Swamp, Benton Co. Oregon, DBM
1186. April 30, 1949, 3 miles west of 12-mile Swamp, Benton Co. Oregon, DBM
1187. April 30, 1949, 12-mile Swamp, Benton Co. Oregon, DBM
1188. April 30, 1949, Area W and S of 12-mile Swamp, Benton Co. Oregon DBM & Corvallis.
1189. April 30, 1949, Lake Washington, Yolo Co. W. of Sacramento Calif.
1190. May 1, 1949, Natomas, Sacramento Co. Calif;
1191. May 5, 1949, Garden Highway, Sacramento to Nicholaus, Sutter Co. Calif.
1192. May 5, 1949, Grey Lodge Refuge, SW Butte Co. Calif.
1193. May 5, 1949, Oroville-Chico Road, Butte Co. Calif.
1194. May 5, 1949, Marshy pond, Cherokee-Oroville Road, Butte Co. Calif.
1194a. May 5, 1949, Lake #1 on S. Table Mtn, Butte Co. North of Oroville, Calif.
1195. May 6, 1949, N. of Oroville, Butte Co. Calif.
1196. May 6, 1949, Oroville east to Lake Wyandotte, Butte Co. Calif.
1197. May 6, 1949, SE of Trowbridge, Sutter Co. Calif.
1198. May 6, 1949, Kanaka Peak and Iron Bar Mtn, between S. and Mid. Fks, Feather R. Butte Co., Calif.
1199. May 19, 1949, Farmington Res. area, San Joaquin and Stanislaus Co, Calif.
1200. May 19, 1949, Woodward Reservoir, NE Stanislaus Co. Calif.
1201. May 21, 1949, Monterey, & north of Monterey, Monterey Co, & S to Pt. Sur, Calif.
1202. May 22, 1949, Al Wool Ranch, Hamilton Range, Santa Clara Co, NE of San Jose.
1203. May 22, 1949, Calaveras Res., Santa Clara Co, Calif.
1204. May 23, 1949, Madera-Friant, Madera Co., Calif.
1205. May 23, 1949, Millerton Lake, Friant, Fresno Co., Calif.
1206. May 23, 1949, Friant Dam to Trimmer, Kings R., Fresno Co., Calif.
1207. May 23, 1949, Trimmer to Balch Camp, Kings River, Fresno Co. Calif.
1208. May 23, 1949, Balch Camp to Black Rock#4, N. Fk, Kings R., Fresno Co. Calif.
1209. May 23, 1949, Black Rock to Coolidge Meadows, N.Fk.,Kings R, Fresno Co.
1210. May 24, 1949, Coolidge Meadows, N.Fki, Kings R., Fresno Co., Calif. 6300' elev.
1211. May 24, 1949, Merced Falls to Coultersville, Mariposa Co. Calif.
1212. May 30, 1949, Lake Washington, Yolo Co., W. of Sacramento, Calif.
1213. May 30, 1949, Natomas, Sacramento Co, Calif.
1214. May 30, 1949, Folsom Res. area, Sacto and Placer Cos., Calif.
1215. June 3, 1949, Grass Lake, Siskiyou Co. Calif.
1216. June 3, 1949, Oregon-Calif. Line to Midland, Oregon
1217. June 3, 1949, Klamath Lake, Oregon
1218. June 4, 1949, Avery Park, Corvallis, Benton Co., Oregon
1219. June 9, 1949, Mary's Peak, Benton Co. Oregon
1220. June 11, 1949, 12-mile Swamp, Benton Co. Oregon
1221. June 11, 1949, Fern Ridge Reservoir, Lane Co. Oregon
1222. June 18, 1949, Lake Washington, Yolo Co., W of Sacramento California
1223. June 18, 1949, Yolo By-pass, Yolo Co. W of Sacramento Calif.

1224. June 10, 1949, Sparks, Washoe Co., to Fernley, Lyon Co. Nevada
1225. June [illegible], 1949, Fernley, Lyon Co. to Lovelock Valley, Pershing Co. Nevada
1226. June 10, 1949, Lovelock Valley, Pershing Co. Nevada
1227. June [illegible], 1949, Rye Patch Reservoir, Pershing Co., Nevada
1228. June [illegible], 1949, Winnemucca, Humboldt Co. Nevada
1229. June [illegible], 1949, Battle Mtn, Lander Co. to Elko, Elko Co. Nevada
1230. June [illegible], 1949, S of Elko, and S. Fk., Humbolat R., Elko Co. Nevada
1231. June [illegible], 1949, Elko to Leeth, Elko Co. Nevada
1232. June [illegible], 1949, Mary's River Valley, Leeth-Malvirta Ranch, Elko Co. Nevada
1233. June [illegible], 1949, Leeth to Wells, Elko Co. Nevada
1234. June [illegible], 1949, Metropolis or Bishop Cr. Reservoir, Elko Co., Nevada
1235. June [illegible], 1949, N. Fk., Humbolat River, near Devil's Gate, Elko Co. Nevada
1236. June [illegible], 1949, S. Fk. Humbolat R., at Bullion Mine Bridge, Elko Co. Nevada
1237. June [illegible], 1949, Battle Mtn.-Austin, Lander Co. Nevada
1238. June 14, 1949, Austin, Lander Co to N. end Carson Lake, Churchill Co. Nevada
1239. June [illegible], 1949, Fallon and Stillwater Irrig. areas, Churchill Co. Nevada
1240. June [illegible], 1949, Lahontan Reservoir, Churchill Co. Nevada
1241. June [illegible], 1949, Stillwater Range, near Job's Peak, Churchill Co. Nevada DBM
1242. June [illegible], 1949, Stillwater Wilalife Area, Churchill Co. Nevada DBM
1243. June 30, 1949, Stillwater Wilalife Mgmnt Area, Churchill Co. Nevada DBM
1244. June [illegible], 1949, Middle Fork, American R (N.Fk. to Peavine Cr) Placer County.
1245. July [illegible], 1949, Klamath Lake, Klamath County, Oregon
1246. July [illegible], 1949, 12-mile Swamp, Benton County, Oregon
1247. July [illegible], 1949, Sacramento to Jackson, Amador Co. Calif.
1248. July [illegible], 1949, Silver Lake, Amador Co. Calif. 7158))
1249. July 10, 1949, Hope Valley, Carson River, Alpine Co. Calif.
1250. July [illegible], 1949, Upper Truckee River, near NW base, Luther Pass, El Dorado Co.
1251. July [illegible], 1949, Lunnigan-Willows, via Grimes, Colusa Co. Calif.
1252. July [illegible], 1949, Willows - Ord Ferry, Glenn Co. Calif.
1253. July [illegible], 1949, Bidwell Park, Chico, Butte Co. Calif.
1254. July [illegible], 1949, Table Mtn., N. of Oroville, Butte Co. Calif.
1255. July [illegible], 1949, Palermo - Honcut, Butte Co. Calif.
1256. July [illegible], 1949, Grimley-Butte Cr., on Colusa Road, Butte Co. Calif.
1257. July [illegible], 1949, Gray Lodge Refuge, SW Butte Co. Calif.
1258. July [illegible], 1949, Pennington-Sutter City, around W side of Marysville Buttes, Sutter Co.
1259. July 19, 1949, Grass Lake at Luther Pass, El Dorado Co. Calif.
1260. July [illegible], 1949, Hope Valley, N. Fk., Carson R., Alpine Co., Calif.
1261. July 18, 1949, Woodfords-Markleeville, Alpine Co. Calif.
1262. July 18, 1949, Ebbetts Pass, C.S.H. 4, Alpine Co. Calif.
1263. July [illegible], 1949, Yolo By-pass, Yolo Co., W of Sacramento, Calif.
1264. July [illegible], 1949, Napa R - ~~Petaluma~~ Sonoma Cr, ~~Napa~~ Solano Co., W of Vallejo, San Pablo Bay, Calif.
1265. July [illegible], 1949, Bay Shore Drive, Alameda Co. Calif.
1266. July [illegible], 1949, Lake Merced and Laguna de Merced, San Francisco Co. Calif.
1267. July [illegible], 1949, Seal Rocks, Cliff House, San Francisco Co. Calif.
1268. July [illegible], 1949, Stow Lake, Golden Gate Park, San Francisco Co. Calif.
1269. July [illegible], 1949, Pyramid Cr, trib. American R, 6500' elev, Eldorado Co. Calif.
1270. July [illegible], 1949, Blackbird Forest Camp, S. Fk. American R., Eldorado Co. Calif.
1271. July [illegible], 1949, Williams, Colusa Co. to Willows, Glenn Co. Calif.
1272. July [illegible], 1949, S.Poe Valley, Lost River, Klamath Co. Oregon.
1273. July [illegible], 1949, Gerber Reservoir, Klamath Co. Oregon.
1274. July [illegible], 1949, Sprague River Valley, Klamath Co. Oregon.
1275. July [illegible], 1949, E. side, Klamath Lake, Klamath Co. Oregon.
1276. July [illegible], 1949, Klamath Falls, Oregon.
1277. July 31, 1949, Klamath Falls to Oregon-California Line, Klamath Co. Oregon.
1278. July [illegible], 1949, Lorris-Macdoel, Siskiyou Co., California.
1279. July 31, 1949, Grass Lake, Siskiyou Co. 5100' elev. California.
1280. July [illegible], 1949, Willows, Glenn Co. to Williams, Colusa Co. California.

1281. Aug. 2, 1949, Los Banos State Game Refuge, Merced Co. California.
1282. Aug. 2, 1949, San Luis Reservoir site, W of Los Banos, Merced Co. Calif.
1283. Aug. 2, 1949, Los Banos-Mendota-Fresno, and in Fresno, California.
1284. Aug. 2, 1949, Mendota Pool, jct. Fresno Slough with San Joaquin R. Fresno Co. Calif.
1285. Aug. 3, 1949, San Joaquin R. at Kerckhoff Res, Madera Co. California.
1286. Aug. 3, 1949, Whiskey Creek, 3600' elev. trib. of San Joaquin, Madera Co. Calif.
1287. Aug. 3, 1949, Bass Lake, S. of Yosemite N. P., Madera Co. Calif.
1288. Aug. 3, 1949, Yosemite Valley, Mariposa County, California.
1289. Aug. 12, 1949, Lake Washington, Yolo Co. Calif.
1290. Aug. 13, 1949, Vallejo Estuary, and Salt Marshes, Vallejo-Sonoma Cr., Solano Co.
1291. Aug. 13, 1949, Benicia, Solano Co. California.
1292. Aug. 13, 1949, 6-mile unimproved road N & NE of Denverton, Solano Co., Calif.
1293. Aug. 16, 1949, Sacramento to Marysville, Yuba Co. Calif.
1294. Aug. 16, 1949, Yuba City, Sutter County to Colusa, Colusa Co. Calif.
1295. Aug. 16, 1949, Colusa, Colusa Co. to Butte Creek on Gridley Road, Butte Co.
1296. Aug. 16, 1949, Gray Lodge State Game Refuge, SW Butte County, California.
1297. Aug. 20, 1949, Lithia Park, Ashland, Jackson County, Oregon. With Ara.
1298. Aug. 27, 1949, American River, S. Fk, Placerville Co. 8-11 a.m. California.
1299. Aug. 27-Sept. 1, 1949, Tule Lake and Lower Klamath Wildlife Refuges, Calif. LBM
1300. Aug. 29, 1949, Carson R. Valley, near Minden, Douglas Co. Nevada
1301. Aug. 29, 1949, Lahontan Reservoir, Lyon-Churchill Co. Nevada
1302. Aug. 29, 1949, Fallon-Stillwater Irrig. area, Churchill Co. Nevada.
1303. Aug. 29, 1949, Stillwater Refuge (U.S.F&W), Churchill Co., Nevada
1304. Aug. 30, 1949, Silver State Gun Club Marsh, N. of Lovelock, Jct. Churchill Co., Nevada.
1305. Aug. 30, 1949, Pernley Sink, Lyon Co. Nevada.
1306. Aug. 30, 1949, Humboldt Sink Outlet, W. Churchill Co. Nevada.
1307. Aug. 30, 1949, Toulon Sink, Pershing Co. S of Lovelock, Nevada.
1308. Aug. 30, 1949, Graveyard Slough, U.S. 40, S of Lovelock, Pershing Co. Nevada.
1309. Aug. 31, 1949, Lovelock Irrig. Area, W & N of Lovelock, Pershing Co. Nevada.
1310. Sept. 2, 1949, Grass Lake, Siskiyou Co. California
1311. Sept. 2, 1949, Butte Reservoir Area, N of Macdoel, Siskiyou Co. Calif.
1312. Sept. 2, 1949, Oregon-California Line-Klamath Falls, Klamath Co., Oregon.
1313. Sept. 2, 1949, East Side, Klamath Lake, Oregon.
1314. Sept. 2, 1949, Fern Ridge Reservoir, Lane Co. Oregon.
1315. Sept. 3, 1949, 12-mile Swamp, Bruce Station, Benton Co. Oregon.
1315a. Sept. 9, 1949 Valley around Fallon, Nevada, airplane census by D.B. Marshall.
1316. Sept. 24, 1949, Sacramento-Fairfield, Solano Co; Calif.
1317. Sept. 24, 1949, Vallejo Estuary, Napa River, at C.S.H. Bridge 48. Calif.
1318. Sept. 4, 1949, Vallejo Estuary to Sonoma Creek, Solano Co. Calif.
1319. Sept. 4, 1949, San Francisco Bay, just S of Richmond, Alameda Co. Calif.
1320. Sept. 4, 1949, Jewell Lake, Tilden Park, Berkeley, Calif.
1321. Sept. 27, 1949, Sacramento to Franklin, Sacto. Co. Calif.
1322. Sept. 27, 1949, Mokelumne R., near Jct. with Cosumnes, Sacto-S.Joaquin Co.
1323. Sept. 27, 1949, Galt, Sacto. Co. to Clements, S. Joaquin Co. Calif.
1324. Sept. 27, 1949, Hogan Reservoir, Calaveras Co. Calif.
1325. Sept. 27, 1949, Camp Seco Pond, N. of Valley Springs, Calaveras Co. Calif.
1326. Sept. 27, 1949, Parcee Lam and Reservoir, Mokelumne R., Calaveras-Amador Cos
1326a. SEPT. 29, 1949 12-MILE SWAMP, BENTON CO, OREGON D.B. MARSHALL
1327. Sept. 30, 1949, Willamette Pass, Summit, Deschutes-Lane Co. Oregon.
1328. Sept. 30, 1949, 12-mile Swamp, Benton Co. Oregon.
1329. Oct. 3, 1949, Huckleberry Hill, S of Beaver Cr., Lincoln Co. Oregon.
1330. Oct. 5, 1949 Seal Rocks, Lincoln Co. Oregon.
1331. Oct. 5, 1949, Alsea Bay, Waldport, Oregon
1332. Oct. 5, 1949, Yachats State Park, Lincoln Co. S to Neptune Park, Lane Co. Oregon
1333. Oct. 5, 1949, Siuslaw R, Florence, Lane Co. Oregon.
1334. Oct. 6, 1949, Yaquina Bay, Lincoln Co. Oregon.
1335. Oct. 6, 1949, Otter Rock, Lincoln Co. Oregon.
1336. Oct. 6, 1949, Devil's Lake, Lincoln Co. Oregon.
1337. Oct. 8, 1949, Corvallis, Benton Co. Oregon.
1338. Oct. 8, 1949, Grants Pass, Josephine Co - Medford, Jackson Co. Oregon.
1339. Oct. 13, 1949, Sacramento-Nicolaus, Sutter Co. California.
1340. Oct. 13, 1949, Gray Lodge Refuge, SW Butte Co. California.

June 13, 1947, French Prairie, near St. Louis - 11 - 1230 noon.

Horned Larks - abundant in this grassland prairie.
Violet-green Swallows common
Barn Swallows -
Cliff Swallows
NW Shrike - one perched on the top branched of a hawthorne in a fence row.
Pacific Yellowthroat -
Meadowlarks singing everywher e
Brewer Blackbirds very abundant
Lazuli Bunting - on wire lines at least every 100 yards or so.
House Finches - sining here and there.
Vesper Sparrows
Chipping Sparrows - pairs seen abundantly
Robin -

647

June 13, 1947 - Ecola Hills, between Salmm and Amity, 1 - 4 p.m.
Oak and briar-pasture - south hillsides.

Vulture
Sharp-shinned Hawk
Redtail Hawk
Cliff Swallows over fields
Long-tailed Jays in oak-scrub areas.
Slender-billed Nuthatches in the oak
Yellowthroat -pair had a nest in a Sweetbriar patch, in one bush at 20" above the ground - contained 4 eggs, well-along.
OregonTowhee - pair still feeding a 3/4-grown young bird, on the ground. It flew 50'.
Vesper Sparrows
Chipping Sparrows
Song Sparrows.

648

June 14,1947, S. Spur, MacDonald Forest, 1 to 5 p.m. Clear and fairly warm

Vulture - several circling over the forest area.
Cooper's Hawk - one flew over on set wings, going down-wind.
Sooty Grouse - none heard hooting, but on the way out, one walked ahead of the car for 10 or 15 feet and flew-jumped up on the bank beside the road where it watched us, and then non-chalantly walked off a few feet further, just like a chicken.
Valley Quail - in road on way up to the forest.
Mountain Quail - saw just two of them today.
Vaux Swift flew over
Pileated Woodpecker - one male working an old oak snag in a fir woods. Finally flew.
Western Flycatcher - saw a couple.
W. Wood Pewee - heard one.
Olive-sided Flycatcher - heard 3 different birds
Violet-green Swallows - a few
Coast Jay - several seen.
W. Crows flew over.
Winter Wren heard singing.
Robin - a few
Russet-backed Thrush - singing here and there.
Cassin Vireo seen
Hutton's Vireo heard just one
Yellow Warbler
Audubon Warbler
Western Tanager - calling everywhere - watched one beautiful male for quite a while.
Lazuli Bunting - male perched atop an oak, and singing lustily in open area.
Willow Goldfinches here and there.
Pine Siskins - a few
Towhees present
Oregon Juncos common, and many seemed to have nests.
Puget Sound Sparrows - pair carrying food to young in nest in Poison Oak and Hazel thicket near base of old fir stump, on top of bank beside the road - exposed.

649

June 15, 1947, Blodgett to Newport - 8 to 930 a.m. Cool.
Flicker - one at edge of road.
Western Flycatcher - in top of a small fir in cleared area.
Olive-sided Flycatcher - atop a tall fir in the woods.
Violet-green Swallow
Barn Swallows - common
Cliff Swallows - common
W. Crows - a few.
Winter Wren - singing in fir woods.
Bluebirds here and there.
Oregon Towhee
Song Sparrow

YaQuina Head, Agate Beach, 0950-1050 a.m.
Common Loon - diving and feeding in deep water off the south side of the point.
California Gulls common.
Pigeon Guillemot - saw several dozen of them feeding in the swelling sea off the south side of the head, and flying back and forth the to steep rocky walls of the head, up to 50 feet above the water. One bird stayed pretty close to a small ledge which may have been a nest. Two were swimming close together offshore so I threw a rock between them, and both dived immediately, one coming up again immediately only 5 feet away, and took off into the air without somuch as running on the surface - she practically flew out of the water, and the other bird stayed under over a minute, and came up 250-300' away.
Little Flycatcher - a few
Pod Pewee -
Violetggreen Swallows common
Barn Swallows abundant
W. Crow - a few
Russet-backed Thrush - saw and heard a couple.
Pine Siskin - one feeding on thistle flowers near a clump of jack pine.
[illegible] - pairs and feeding [illegible].
White-crowned Sparrows - common and singing and feeding everywhere!

New port - 1100-1200 noon.
Farallon Cormorants - a few flying by.
Horned Larks - calling and feeding on the Newport Airport, which is a grassy prairie.
Rough-winged Swallows and one immature one.
Barn Swallows common
Wren Tit - in dense brush growth near south end of bridge, on west side.
Brewer Blackbirds a few.

South Beaver Creek and Marsh Area.
Rufous Hummingbirds - 2 females seen.
Violet-green Swallows common
Tule Wren - a few calling, scolding and singing.
Robin - some
Russet backed Thrush - heard about 7 altogether.
Cedar Waxwings - a few heard.
Lutescent Warbler - several calling.
Redwing Blackbird - just one was seen.
Brewer Blackbird - a few
Song Sparrow.

Seal Rocks - Lincoln Co., 1 mile South:
Belted Kingfishers - pair have nest hole on sand bluff whose base is at high-tide mark. It is in the sand at 24 feet above base of the cliff.
Hermit Warbler - one male seen on way to Waldport - feeding in Spruce and Hemlock.

Summit, Alsea Hiway, near Mary's Peak Road - 8 p.m. Several Nighthawks calling.

June 16, 1947, S. Spur, MacDonald Forest - 1215-1700. 20vc. RW- W4-7, cool.
Vulture - circling over.
Blue Grouse - hooting most of the p.m.
Coast Jay - several in the area.
Gray Jay - just one heard, and later seen in maple-fir area, at 1400 feet.
Ravens - 3 came over, flying fast, and low, and giving various call notes.
Golden-crowned Kinglets - a few in the fir forest.
Western Tanager - several heard.
Evening Grosbeaks - just 2 seen
Lazuli Bunting - 2 in grass-hillside area, singing.
Juncoes - several pair in the deeper fir woods, all flushed from nests, under 8-15" herb growth, in open areas between the large trees.
Chipping Sparrows - in the brush-scattered open grassy hillsides. 2"singing"
White-crowned Sparrows - pair still in same vicinity, around nest, and scolded me loudly when I approached the site, on the south slope of the hill.

653

June 17, 1947, Stewart Lake, Benton Co., 10-1130 a.m.

Wood Ducks present on the lake - only females were seen.
Kingfisher - flew from the oak log in the water, and gaining altitude headed north.
Cedar Waxwings - a few in the willows around the pond.

654

June 17, 1947, 12-mile Swamp, Bruce Station , 1300-1530, Brkns Cus, warm, calm.

Blue Heron - one flushed from N. end of Swamp
Bittern - just one bird seen - no sign of a nest could be found.
Mallards - flushed 3 different females and all acted as if they had nests, but no nests could be found in the vicinity from which they were flushed, and so it is presumed that young were around somewhere, tho none were seen.
Vulture - circled over swamp. Sparrow Hawks on wire lines.
Sharp-shinned Hawk - seened several times sailing on set wings over the swamp.
Pheasants - heard.
Virginia Rail - heard them several times, and saw one fly some 75 feet from an "open" area of Eleocharis to a Carex obnupta clump.
Killdeer - one flew over.
Mourning Doves - plentiful in very small flocks (family groups??).
Pacific Nighthawk - one flew over high, calling.
Little Flycatchers - heard.
Horned Larks - singing in nearby fields.
Violet-green Swallows - afew
Tree Swallows - both adults and young were very common.
Bank Swallows - one pair were seen.
Rough-winged Swallows - 5 or 6 were seen.
Barn Swallows - several pair of adults, and the 3 young in the nest are about 3½" long now, and about ready to leave the nest. Face coloring developing already, but no elongated forked tail, as yet. Feces in large pile on floor under nest.
Cliff Swallows - a few around.
Crows - a few flew over, and others could be heard in the distance.
Tule Wren- heard only one.
Yellow Warblers - heard a couple.
Meadowlarks - singing almost everywhere.
Redwing Blackbirds - plentiful in the area, and young were abundant and flushed from almost every bush in the area. Found several new nests, and others with sets of 3, 4, and 5 eggs in them, about 9 such nests; Others with young just hatched.
Song Sparrows seen.

655

June 19, 1947, S. Spur, MacDonald Forest, 1215-430 p.m., 5 Brkn (W), cool.

656

Vulture - one seen circling over.
Wood Pewee- heard
Olive-sided Flycatcher - calling frequently from a tall D. Fir in the area.
Gray Jay - I watched a family group of 6 birds working thru the upper branches of the D. Fir on the north slope of the hill I was on. The gun-metal coloration of the 3/4 grown young was distincitive, as well as the lack of head markings. The birds had a whistle-like note they gave every once in a while. They acted very restless, and more or less "leaped-frogged" over each other from tree to tree, seldom beating their wings, but just sailing to the next tree, and then hopping from limb to limb, upward, before casting off again.
Coast Jay - 5 or 6 of them were in the area, in some of the same D. Firs just before the Bray Jays came thru.
Oregon Chickadees - small groups seen
Chestnut-backed Chickadees - some of them seen.
Red-breasted Nuthatch - a few heard.
California Creeper - one pair seen working Hemlock and D. Fir trunks.
Hermit Thrush - same just one bird - no call notes were given.
Ruby-crowned Kinglets - in small groups in the firs.
Golden-crowned Kinglets - in small groups inthe firs. Calling continuously.
Hutton Vireo - a few were calling from the upper limbs of the tres.
Yellow Warbler - quite a few in the area.
Audubon Warbler - several in the firs.
Hermit Warbler - saw three of them in tall and small firs. Colorful.
Pileolated Warbler - two seen.
Western Tanagers - plentiful in the area, and calling frequently.
Evening Grosbeaks - watched a pair feeding in the fir tops, and otherpairs flew over.
Junco - quite a few pair scattered thru the forests.

June 21, 1947 - Dallas to Wallace Bridge, 8 to 9 a.m.

657

Vultures	Killdeer	Violet-green Swallow
Cooper Hawk	Vaux Swift	Tree Swallow
Sparrow Hawk	Rufous Hummingbird	Barn Swallow
Bobwhite	Flicker	Cliff Swallow
Valley Quail	Horned Lark	Rough-winged Swallow

Crow	English Sparrow
Long-tailed Jay	Meadowlark
Slender-billed Nuthatch	Redwings
Bush Tit	Brewer Blackbirds
Robin	Lazuli Bunting
Western Bluebird	House Finches
Cassin Vireo	Goldfinches
Yellow Warbler	Vesper Sparrows
Pacific Yellowthroat	Towhee
Long-tailed Chat (also So.Yamhill R).	Junco

June 21, 1947, Miami River, Tillamook Co., 1030 a.m. Clear and warm.

658

Pacific Nighthawk	Russet-backed Thrush
Rufous Hummingbird	Lutescent Warblers
Kingfisher	Yellow Warblers
Rough-winged Swallow	Goldfinches
Crow	White-crowned Sparrow
Raven	

June 25, 1947, 12-mile Swamp, Bruce Sta., 730 a.m.

Mallard
Wood Duck
Vulture
Redtail Hawk
Virginia Rail
Killdeer
Mourning Dove
Little Flycatcher
Horned Larks - singing and chasing each other at 250-500' above ground.
Violet-green Swallows
Tree Swallows
Barn Swallows - nest vacated, and fallen to the floor; many birds around
Cliff Swallow
Crow
Tule Wren
Russet-backed Thrush
Pacific Yellowthroat
Meadowlark
Redwings- many carrying nesting material
Brewer Blackbird
Lazuli Bunting
Willow Goldfinch
Song Sparrow

Monroe, Benton Co, to Cheshire, Lane Co., June 25, 1947, 8-9 a.m.

Vulture
Sparrow Hawk
Bobwhite
Chinese Pheasant
Horned Lark
Violet-green Swallow
Tree Swallow
Barn Swallow
Cliff Swallow
Raven
Oregon Chickadee
Western Bluebird
Cedar Waxwing
Yellowthroat
Long-tailed Chat
Brewer Blackbird
Lazuli Bunting plentiful
House Finch
Song Sparrow

June 25, 1947, Fern Ridge Dam, and vicinity, 930-130 p.m. Clear and warm.

White Pelican - there were between 25 and 30 of them scattered over the south end of the reservoir. At a distance, one bird appeared to be on a nest.
Farallon Cormorants - at least a half dozen were seen perched on dead snags over water.
Blue Herons - many were seen everywhere
Anthony Green Heron - one seen at edge of the water on the road cut of the south road.
Mallard female flushed from small pond below the dam.
Hooded Merganser and young (I didn't have a chance to count them, but at least 5 seen).
Vulture
Valley Quail
Pheasants
Virginia Rail
Sora Rail
Killdeer
Spotted Sandpipers - several pairs seen. One had nest on exposed gravel bar below dam.
Mourning Dove
Vaux Swift
Rufous Hummingbird here and there below the dam
Horned Larks calling everywhere
Little Flycatcher
Olive-sided Flycatcher
Violet-green Swallow
Tree Swallow
Rough-winged Swallow

June 25, 1947, Fern Ridge Dam, continued:

Bank Swallow
Barn Swallow
Cliff Swallows
Crow
Slender-billed Nuthatch
House Wren
Robin
Russet-backed Thrush
Cedar Waxwings
Cassin Vireo
Warbling Vireo
Yellow Warbler
Pileolated Warbler
Black-throated Gray Warbler immature
Pacific Yellowthroat
Long-tailed Chats - common
Meadowlark
Redwing Blackbird
Yellow-headed Blackbird - one male seen at south end.
Brewer Blackbird
Oregon Towhee
Junco
White-crowned Sparrow
Song Sparrow

661

June 25, 1947, Lorrane to Anlauf, Douglas Co. up to 1000' altitude. Fir forests.

Mountain Quail - came across a pair that had 13 cute little chicks. About 1½" long. I almost caught one chick. They sounded just like a brood of chicks. The female stayed within 6 feet of me, crest erected, and gave several types of scolding and alarm notes all the time. When I left, she gave two plaintive notes, and had ansers from the chicks, which had been hiding silently till then.

662

Rufous Hummingbird - both M and F seen
Pileated Woodpecker
Olivesided Flycatcher
Chestnut-backed Chickadee
Slender-billed Nuthatch
Seattle Wren
Russet-backed Thrush
Song Sparrow

June 25, 1947, Coast Fork of Willamette River at Creswell, Lane Co. 415 p.m.

663

Kingfisher
Flicker
Robin
Yellow Warbler
Purple Finch

June 25, 1947, Cloverdale, and vicinity, Lane Co. 430-530 p.m.

664

Vulture
Killdeer
Mourning Dove
Violet-green Swallow
Crow
Robin
Pacific Yellowthroat
Meadowlark
Redwings
rwer Blackbirds
Lazuli Buntings
House Finch
Willow Goldfinch
Vesper Sparrow
Song Sparrow

June 25, 1947, Willamette R., 1½ miles south of Springfield, Lane Co. 6 p.m.

665

Anthony Green Heron at edge of the river, on a gravel bar.
Vulture
Cooper Hawk
Spotted Sandpiper
Mourning Dove
Violet-green Swallows

June 26, 1947, McKenzie River, N and NE of Springfield, Lane Co. 1 - 9 a.m.

Blue Herons common along the river bars
Bobwhite
Pheasant
Killdeer
Spotted Sandpipers common on the river gravel bars.
Brewster Screech Owls - "barking" from Big-leaf Maples off and on, all night.
Pacific Nighthawks - a pair in couring flight over gravel bar at big bend in river - 7 a.m
Kingfisher
Flicker
Wood Pewee
Olive-sided Flycatcher
Violet-green Swallow
Tree Swallow
Rough-winged Swallow
Barn Swallow
Cliff Swallow
Crow
Oregon Chickadee
Russet-backed Thrush
Robin
Bluebirds
Lutescent Warbler
Yellow Warbler
Pacific Yellowthroat
Evening Grosbeaks
Purple Finch
Green-backed Goldfinch
Chipping Sparrow
Junco
White-crowned Sparrow
Song Sparrow

666

June 26, 1947, Coburg, Lane Co, to Halsey, Linn Co., 9 a.m. to 1030 a.m.

Vulture
Marsh Hawk male
Sparrow Hawk
Bobwhite
Pheasants
Mourning Dove
Rufous Hummingbird
Horned Larks
Violet-green Swallow
Robin
Cedar Waxwing
Yellow Warbler
Seattle Wren
Pacific Yellowthroats
Meadowlarks
Brewer Blackbirds
Lazuli Buntings
Willow Goldfinches
Towhee
Vesper Sparrow
Song Sparrow

667

June 26, 1947, Twin Buttes, Linn Co. 1040 a.m.

Lark Sparrows - 3 or 4 were seen perched on fence posts along a little-used road, and their calls were given while I watched. Only one was a full adult.

June 30, 1947, MacDonald Forest, Saddle Area, 8 to 1130 a.m. Clear and warm.

Vulture - 2 soared over.
Band-tailed Pigeons - 24 were flushed from the top of a D. Fir
Rufous Hummingbird - one female seen.
Flicker - heard one.
Harris Woodpecker - one seen.
Wood Pewee
Olive-sided Flycatcher Ravens -
Gray Jay - a pair of adults and at least 3 young on a NW slope, in fairly heavy timber.
Coast Jays - several heard and seen.
Oregon Chickadees - several adults and immatures seen.
Red-breasted Nuthatches heard everywhere - some may have been young.
California Creeper - just one seen working a young D. Fir.
Robin - a few seen and heard.
Russet-backed Thrush - several heard, one singing, and one seen.
Cassin's Vireo - heard a couple, and saw one pair chasing each other.
Lutescent Warbler - singing quite a bit, most of the morning.
Yellow Warbler - thought I heard a couple, altho I did not see any.
Hermit Warblers - several pairs were observed feeding in the firs, and they kept up a continual conversation while in the area. No young were seen.
MacGillivray's Warbler - along road down from the saddle, a pair had a nest in a Oak, at 4 feet, on a SW slope, in area of thick undergrowth cover. One parent scolded all the time I was near the nest. 3 eggs in the nest.
Pileolated Warbler - saw a few, and they were singing most of the morning.
Western Tanager - calling now and then, most of the a.m.
Black-headed Grosbeak - had a nest in a tall oak, on the north side of a clump of fir, at 25 feet. I could not get to the nest.
Juncos - quite a few pair scattered throughout the forest slopes, in open and closed areas

July 2, 1947, Sulphur Springs, MacDonald Forest, 730-830 a.m.
Mourning Love
Rufous Hummingbird - on cleared off hillside, in brush area.
Flicker heard
Pileated Woodpecker - busily working over the dead top of a D. Fir tree.
Little Flycatcher - [illegible]
Wood Pewee - heard some
Olive-sided Flycatcher - perched atop a tall dead fir, calling frequently.
Red-breasted Nuthatch - in the fir timber.
Seattle Wren
Robin
Russet-backed Thrush - plentiful
Cedar Waxwings heard
Warbler Vireo - a few seen in the brush.
Yellow Warbler
Pileolated Warbler
Western Tanagers calling continuously
Evening Grosbeaks flew over
Towhee Junco and Song Sparrows

July 2, 1947, MacDonald Forest, Summit, and east boundary on Lewisburg road. 930-11 a.m.
Band-tailed Pigeon - nest at 60 feet in D. Fir on NW side.)
Gray Jay - a few heard and one seen.) at summit.
Hermit Warblers - heard and seen. 3 males seen.)

At Boundary:
Mourning Doves
Slender-billed Nuthatch in madrone-oak area.
Robin
Hutton Vireo - calling from oak-fir area on SE slope.
Long-tailed Chat - calling from Poison Oak-madrone hillside
Black-headed Grosbeak in gravel at edge of road - getting grit??

July 6, 1947, Clackamas River, north of Oregon, 215 p.m.

Anthony Green Heron - flew over the hiway, heading toward the Willamette R.

July 12, 1947, MacDonald Forest, Peavy Cabin area, 8 - 11 a.m.

Vulture - pair circling over the ridge together.
Redtail Hawk - one flew low over the ridge-top, calling scream-like.
Blue Grouse - flushed 6 immature birds from the edge of the road
Mountain Quail - watched 4 ½ grown young walking along a log. They were brownish gray, with prominent head color bands as seen before.
Band-tailed Pigeon - flushed 4 from a clump of fir and oak atop the ridge
Rufous Hummingbird - watched one brilliant male feeding on St. John's Wort and Canada Thistle. [illegible] two pair at the same time in this vicinity.
Flicker - several on snags and tall firs, one also feeding on the ground.
Pileated Woodpecker - just one seen in deeper woods on D. Fir.
Harris Woodpecker
Gairdner Woodpecker
Red-breasted Sapsucker - saw several individuals and then in one tree were 3 adults, 2 males, and 5 young birds, playing around with each other, and giving noisy calls as I have described previously.
Western Flycatcher - one bird was being chased by a little Flycatcher which snapped its bill loudly at the Western. It was also chased by a Junco, and a Wren.
Little Flycatcher - quite a few seen. One chasing a Western Flycatcher.
Olive-sided Flycatcher - several calling from the taller trees
Coast Jay - many in the area, some busy pecking on stumps and trees, others giving Red-tail call, and one being chased from a Western Tanager nest it may have been trying to rob.
Long-tailed Jay - scolding from cleared brush area on SE slope way below ridge top.
Oregon Chickadee - several moving in a flock of other species.
Red-breasted Nuthatch - a few here and there with a flock of other species.
California Creeper - several in with flock of other species.
Seattle Wren - in brush area.
Robin
Russet-backed Thrush - singing here and there
Hutton's Vireo - calling from oak-fir grove
Audubon Warbler - several adults and immatures in with flock of other species.
Hermit Warbler - in with flock of other species working firs and oaks
Bullock's Oriole - one bird seen in Maple-oak area.
W. Tanager - calling everywhere - one pair chasing a Coast Jay which may have been trying to rob their nest at 18' on the south side of a D. Fir.
Purple Finch - a pair seen
Willow Goldfinch - in cleared area, working on Canadian Thistle and Yarrow
Towhee - one pair seen
Junco - common throughout the areas
White-crowned Sparrows - nesting in open area at base of Maple clump in Briar tangle.
Song Sparrows common and singing.

July 13, 1947, Middle Santiam River, 9 a.m. to 4 p.m.
Valley Quail - flew ahead of the car, and crossed over ahead of us at 40± m.p.h.
Spotted Sandpiper - several seen on various stretches of the river, all on bars.
Rufous Hummingbird nest in huckleberry bush growing on perpendicular, N-slope cliff at 20 feet above the river.
Kingfisher - one repeatedly flew by up or down in fromt of our picnic area.
[illegible]
[illegible]
Willow Goldfinch - flew alongside the car, in open area at 25± m.p.h.

July 14, 1947, Salem, 11 a.m.
Anthony's Green Heron - nest along one branch of m ill race at 23' in oak tree in center of town.

July 18, 1947 — MacDonald Forest, 3 p.m.

Little Flycatcher — Found a nest in ad. Fir at 18' on a NNE slope in rather deep woods, some 150' from a creek.

July 20, 1947
12-mile Swamp, Bruce Station, Benton Co, 450-645 p.m. Clear and warm, with Donna.

Pied-billed Grebe - one came up with 50' of us and swam zigzagging and slowly toward us as we stood on the bridge across the swamp; finally diving and swimming up a ditch, perhaps towards the nest.
Blue heron - only one [illegible] seen in the south end. It flew from the swamp and lit in a small ash about 100 yards away.
Anthony Green Heron - one could [illegible] into a grove of ash, and I [illegible] searched the clump for signs of a nest, but with no success.
Mallards - flushed a couple of hens.
Wood Ducks - flushed one immature male, an adult female, and also 4 others.
Sharp-shinned Hawk - one flew over the swamp twice, chased by groups of Redwings.
Marsh Hawk - female flew leisurely over the south end.
Bobwhite - heard them calling most of the late part of the afternoon.
Valley Quail - saw two of them, and heard others around the swamp.
Virginia Rail - heard just one
Killdeer - a couple of singles flew over the swamp.
Mourning Doves - 2 pair were seen during the p.m.
Kingfisher - a pair of them were around the west side of the swamp, and we watched them chase each other, hover together, and fly off, the male later returning and trying to catch fish from a perch 10 feet up in a small ash.
Violet-green Swallows - a few adults and quite a few young in the area.
Tree Swallows - a few adults and many young were seen flying at the edge of the swamp where they could perch in the ash tree tops often.
Barn Swallows - adults and immatures common over the water, and dipping in it for drinks. Several perched on a wire fence over the water.
Cliff Swallows - a few adults and quite a few young feeding high, and diping down occasionally into the water. Several young perched in ash tree tops.
W. Crow - heard and saw just one.
Oregon Chickadees - a few heard
Slender-billed Nuthatch - [illegible] at the edge of the swamp.
Tule Wren - heard several scolding, and others singing here and there over the swamp.
Robin - a few seen.
Russet-backed Thrush - heard in the thickets along the creek.
Cedar Waxwings - quite a few in a small flock in the ash tree tops.
Pacific Yellowthroats - a few seen, and several calling or singing here and there.
W. Meadowlark - singing.
Yellow-headed Blackbird - one adult male seen flying from south to north across the swamp road, and it headed towards a large flock of
Redwings - sometimes scattered over relatively small areas of the swamp, and other times in large flocks of 50 to 250 birds, in the swamp, and a nearby field. Flocks composed mostly of females and immatures, although there were some adult males. Evidently this flocking habit persists at the close of the nesting season.
Brewer Blackbirds - a few
Purple Finches - immatures seen in tops of ash trees, softly warbling, and also chasing
Willow Goldfinch - one male perched on a fence wire over water.
Song Sparrows - in the fence rows around the swamp.

July 24, 1947, 12-mile S wamp, Bruce Station, 5 - 6 a.m., 25 Brkn., Cool.

Pied-billed Grebe - just one seen, near where seen last week.
Blue Heron - - one seen
Green Heron - one bird seen in top of ash tree
Bitterns - a pair flew from the south to the north end of the swamp, one behind t'other.
Mallards - a few
Wood Ducks - 3 or 4 seen, together.
Hooded Mergansers - 2 immature birds were seen to light near the road.
Sparrow Hawk - 3 adults were seen
Pheasants - adults feeding in fields, 7 young seen getting gravel in road at one spot.
Killdeer
Horned Larks - common along fence rows, and singin everywhere.
Violet-green Swallows - young birds beginning to flock in mixed flocks
Tree Swallows - a few adults and immatures were seen
Barn Swallows - many of them present. Some hovering, others circling over the water or high in the air, and others perched with cliffs and Violet-greens on wire lines beside the road. One was observed to probe in the rotting wood of a fence post for food. Others were a usting with Wrens and Song Sparrows in the road just 8 feet in front of the car.
Cliff Swallows - a few seen
Crow - a few flew over.
Tule Wren - dusting in the road ahead of the car.
Robin - a few
Pacific Yellowthroat - calling and several seen along fence rows.
English Sparrows around barn
Meadowlarks - beginning to sing, as thesun came up.
Brewer Blackbirds - in quite large flocks
Redwings - in very large flocks over the swamp area. Other flocks "gritting" in road.
Lazuli Buntings - a few heard and seen
Purple Finch - a few singing
Willow Goldfinch -
Towhees in fence rows
Song Sparrows - dusting in road a few feet ahead of the car with Wrens and Barn Swallows.

July 24, 1947, Monroe to Cheshire, Lane Co. - 6 to 630 a.m.

Blue Heron
Valley Quail
Mourning Love
Flicker
Horned Larks
Violet-green Swallows in large flocks
Tree Swallows
Crow
MacGillivray Warbler
Lazuli Bunting
Purple Finch
Brewer Blackbirds
Willow Goldfinch
Towhee
Chipping Sparrow
Song Sparrow

July 24, 1947, Hill Ridge north of Fern Ridge Dam, 630-7 a.m.

Mountain Quail - F with covey, and scolding and staying close as described before.
Rufous Hummingbird
Flickers
Gairdner Woodpecker
Little Flycatcher
Olive-sided Flycatcher
Slender-billed Nuthatch
House Wrens - many
Russet-backed Thrush
Cassin Vireo
Black-throated Gray Warbler - immatures
Long-tailed Chat
Towhee
Song Sparrow

July 30, 1947, Woodburn Golf Course - 830 a.m.

Pintails - a flight of 29 came in at 100' from the north, and they veered as they came over us, and went on to the southeast. Didn't seggregate by sex. Thunderstorms in the area, accompanyied by rain showers.
Harris Woodpecker - one on the side of a pole along the edge of the course by the hiway.
Cliff Swallows - several times they would follow my golf ball to the ground after I hit it.
Cassin Vireo -
Yellow Warblers - adults feeding young capable of flying well in our yard.
Myrtle Warbler - one working the walnut tree in our backyard.

August 2, 1947, Avery Park - 815-1145 a.m. Clear, cool, and light breeze.

Kingfisher - one male observed flying over this quite stretch of the river, with its underparts practically trailing in the water, and the wing tips hitting the water everyonce and a while. Every 15-20 feet it dropped into the water, and then resumed flying, only to submerge again, and again, to 7 or 8 times while I watched. Its methods were not to catch fish, but more to bathe, I assume.
Little Flycatcher
Olive-sided Flycatcher
Violeg-green Swallows
Oregon Chickadees
Robins
Purple Finch young common in the area.
Oregon Towhees in the brush

August 3, 1947, Willamette R. Gravel Pits above Corvallis - 1-4 p.m.

Blue Heron
Vaux Swifts - 9 over the trees
Little Flycatcher
Bank Swallows common over the river
Oregon Chickadee
Seattle Wren
Russet-backed Thrush
Cedar Waxwings - at least 25 were seen
Yellow Warbler
Long-tailed Chat
Black-headed Grosbeak

MacDonald Forest, August 7, 1947, 8-1045 a.m. 20 Ovc from W

Vultures - 2 young observed perched on the lower inner limbs of D. Fir in the heart of a Fir forest on a NE slope. The heads were barely colored. They would fly only a short distance before alighting again.
Blue Grouse - 2 adults and 3 young flushed from the gravel road at 8 a.m. Young were nearly full sized, it seemed.
Mountain Quail - came across a covey in the road. 2 adults and 7 ½-grown young, that were quite brownish in color.
Flicker - heard a few
Harris Woodpecker - working a dead fir snag
Little Flycatcher
Olive-sided Flycatcher
Gray Jay - a troup of 5 flew "leap-frog" style thru the fir woods on a NW slope.
Red-breasted Nuthatches quite common in the fir and oak woods, calling
California Creeper - located a nest behind a piece of split wood and bark on an 11" D. Fir snag, on the south side at 8 feet, in a man-made clearing.
Russet-backed Thrush - one ½-grown young was seen in a hazel, being fed by parents
Hutton Vireo - calling and working tops of firs
Townsend Warblers in a small flock along with
Hermit Warblers working thru the tops of the firs
Evening Grosbeaks - just one pair flew over, calling
Towhee
Juncos and 3/4-grown young in man-made clearings at N end of forest.
House Wren - a pair in brush pile in same clearing.

August 9, 1947, 12-mile Swamp, Bruce Station, 730-930 a.m. 20 Brkn, NW-, SW 5-8

Blue Heron - just one seen

American Egrets - at least 5 were seen here and there in the swamp, at both ends. Three were seen at one time; pics were taken of 2 together; One was observed with his gullet pretty well filled with tadpoles of Bullfrogs from 2 to 4 inches long, which I watched it catch, and swallow. It was funny to watch the bulge slip down until it reached the "top of the column" of predecessors. While watching two, a third came over, and made some bluff dives at the other two. The birds did "talk" to themselves, and to each other while I watched. They are a be autifully graceful bird to watch as they fly leisurely and light.

Green Heron - saw 3 or 4 of them, 1 was an adult, and the other 3 appeared to be immatures, being very light underneath, and streaked and not solidly colored on the upper parts. No rich colors developed yet.

Bittern - one took off croaking, from near one feeding Egret.

Mallards - no full plumaged males were seen, all apparently being in eclipse plumage, and feeding with 2

Blue-winged Teal (Cinnamon Teal) in a marshy area. The teal were also in the late summer plumage, and aside from the wing patches, selection between the two species could not be made.

Wood Ducks - several were seen here and there over the swamp.

Vulture - 2 flew over the N end. (Flocks of 4-15 circling s-ward over the county.)

Marsh Hawk - a richly colored r ed-brown female cruising back and forth, low over the marsh area.

Sparrow Hawk - on wire line

Wilson Snipe - one flew over me, c alling occasionally

Least Sandpipers - groups of 4, 7, and 15 were seen

Western Sandpipers - 17 were seen in the north half of the swamp.

Pheasant in nearby field

Mourning Dove - a few on the fences and wire lines

Vaux Swifts - 3 or 4 in with the swallows, but I was surprised to see that these were not a dark, dusky brownish, but were almost black, being lighter on the head. ~~Could they be the Black Swift?~~ No! (too small)

Gairdner Woodpecker - working the ash on the west side of the swamp.

Say's Phoebe - near the place where we first saw one last winter, I had ample opportunity to observe an immature of this species. The black tail was the only thing really recognizeable, the rest of the body being a buffto brown, strongly streaked, and quite light yet, on the head. No call notes were given while I watched, altho it did fly to the ground to get an insect.

Little Flycatcher - at least 6 different birds were seen.

Violet-green Swallows - quite a few adults and immatures over the swamp, in large mixed flocks with all the other swallow-species, or perched on wire lines. Everywhere in this part of the county, these swallows line the wire lines by the hundreds.

Tree Swallows - several adults and quite a few immatures, altho compared to V-g's, Cliff and Barn Swallows, they aren't numerous.

Bank Swallows - a few seen with the other swallows

Rough-winged Swallows - not too many of them seen, in with the large flocks

Barn Swallows - 100's over the swamp, and adjacent fields. On June 25, the nest being watched was reported knocked off the wall, to the ground, but today, I found a new nest just 3" from the site of the original nest, and an adult was flushed from the nest. The nest contained 2 eggs. Could be the same pair.

Cliff Swallows - 100's over the swamp, and fields, and elsewhere in the county they are lined up on the wire lines with the Violet-greens.

Oregon Chickadees in the ash groves

Tule Wrens - scolding in the swamp area.

Robin - a few at the swamp (several sizeable flocks in Corvallis, today).

Cedar Waxwings - a few flying over

Audubon Warblers in the ash trees

Pacific Yellowthroats common in the fence rows, etc. (REDWINGS / BREWER'S)

Green-backed Goldfinches

Willow Goldfinches - large flocks of adults and immatures, up to 40/ bunch

Purple Finch Chipping Sparrows - several small flocks Song Sparrow

August 9, 1947, Peoria Ferry and vicinity, 10-1130 a.m. Cloudy, R[illegible]-

Blue Heron Green Heron Mallards - 3 in eclipse plumage
Vultures - sailing over, and 2 seen in tops of tall snags, with wings extended in sun-poses
Sparrow Hawks on wire lines, and fence posts
Valley Quail - 2 in gravel road
Flicker - several feeding on the ground near the river
Red-breasted Sapsucker - a few in the poplars along the river.
Little Flycatcher
Horned Larks
Oregon Chickadees
Slender-billed Nuthatche
Seattle Wrens in the trees at heights to 25 feet.
Robin - small flocks of immature birds, some not long from nest
Russet-backed Thrush - adults and immatures - the latter more curious
Cedar Waxwings
Cassin Vireos
Warbling Vireos - adults and young in the brush, tame
Audubon Warbler
Pileolated Warbler
MacGillivray Warbler
Bullock Oriole - one brilliant specimen seen
Lazuli Bunting on nearby wire-lines
Willow Goldfinches
Towhee
Junco SongSparrow

Aug 10, 1947 — [illegible]

[illegible]

Aug 11, 1947 — MacDonald Forest — 8-11 a.m.

Blue Grouse - Flushed quite a few from the ground + they'd [illegible] + as I moved about would give forth a loud guttural cackling sound, that I haven't heard before!

Band-tailed Pigeons - 2 seen
Flicker
Pileated Woodpeckers - a pair were attracted by imitating their calls by pounding on a "sounding board" D. Fir. Hogtame within 25' of me, + were very curious. They finally flew from tree to tree together.
Coast Jays common
Red-Breasted Nuthatches calling
Winter Wren singing
W Tanagers calling

8-11-47 - Near Lewisburg I saw a Lewis Woodpecker + Long-tail Jay in oaks.

8-12-47

August 13, 1947, "Poison Oak" Lake, 3 miles East of Corvallis, in Linn Co. 10-11 a.m.
Blue Heron - one immature bird sailed into the N end of the lake while I was there
Wood Ducks - flushed 2 (a pair) from the east side of the lake, among the pond lilies.
Pheasants - walked up the length of the dried inlet slough, and flushed 7 cocks.
Sora Rail - Flushed one bird from the marshy margin among the pond lilies on the SE side. It flew without a sound for about 75 feet before alighting in other pond lilies.
Mourning Doves - a pair in the area. Flushed one adult from the vicinity of a nest located in a "poison-oak pasture". The nest was situated atop an old D. Fir stump about 22" high, with a small oak 1 foot NE of the stump, and a clump of poison oak shading it from the Sand N. The nest was a shallow saucer with a few dried twigs placed in it. There was one young that will be ready to fly in a few days for it can already use its wings well. About 5½" long, with a general gray-brown color. Primaries about 3" long, tail feathers 3" long, with the white outer feathers already showing. Even when it beat its wings and I picked it up, it kept its breast inflated. Banded #41-354648. Female gave "wounded act" when she left the nest vicinity. This nest was located not over 100' from one I found this last spring atop another D. Fir stump. Could be the same nesting pair, I'd guess. Oh, there was also one dud egg in the nest.
Long-tailed Jays - several in the area.
Cedar Waxwings heard and seen everywhere.
Oregon Chickadees
Slender-billed Nuthatches
Purple Finches singing
Song Sparrows singing.

August 13, 1947, area west of Peoria Ferry, in Yellow Pine Belt 1-4 p.m. Clear-Hot

Pied-billed Grebes - pair in lake NE of Winkle Butte
Wood Ducks - a pair on the same lake
Vultures circling everywhere over the countryside
Sparrow Hawks here and there
Flickers in the timber, and on the ground
Slender-billed Nuthatch in the oak and pine
Oregon Chickadees in the oak and pine

August 13, 1947, 12-mile Swamp, Clear and hot, 530 to 430 p.m.

2 American Egrets in the main swamp. 11 Mallards flushed in south end. (eclipse)
Blue-winged Teal - flushed 4 young, of non-descript plumage, and then 100 feet away, I flushed the 3 adults in eclipse plumage. The wings are getting quite colorful, and one bird had the cheeek patch beginning to develop so this verifies last week's.
Wood Ducks - flushed 3 or 4, and saw one that was in the flightless stage.
Vultures circling over the area. Cooper Hawk flew over Marsh Hawk female
Sparrow Hawk Virginia Rail, 1 seen Killdeer
Mourning Doves and young just out of nest, but couldn't fly very far.
Horned Larks in field east of swamp. Don't seem as abundant now
Violet-green Swallows Cliff Swallows
Barn Swallows - the most common species this p.m. The next that contained two eggs the other day had a tragic end. The nest was empty, and I found one embryo (without the shell) lying on the board porch below the nest. It wasn't ready to be hatched. The parent birds were not seen around the nest.
Robin-1 Cedar Waxwings flying here and there Pacific Yellowthroats in fencerows
Purple Finches Green-backed Goldfinches - 4 of them. Song Sparrows
No Redwings or Brewer's Blackbirds were at the swamp.

August 16, 1947, East side of Camp Adair, Benton Co. 8 a.m.

Violet-green Swallows and Cliff Swallows squatted in the middle of the surfaced hiway this a.m. in considerable numbers, and apparently just sitting there. It has been rather chilly this a.m., and the birds could have been securing warmth from the pavement.

August 19, 1947, Woodburn, Pudding River - 6 to 7 a.m. Clear and cold (43°F).

Kingfisher - immature flew down the river and lit atop a nearby L. Fir snag.
Flickers calling now and then in the woods
Little Flycatcher calling
Coast Jays scolding
Oregon Chickadees working a Red Cedar
Red-breasted Nuthatches working a Red Cedar with the Chickadees
Seattle Wrens - several young birds in one bush, scolding me.
Robin
Russet-backed Thrushcalling now and then.
Hutton Vireo calling from the tree tops and working with warblers
Audubon Warblers in the Ash and Red Cedar
Black-throated Gray Warblers in the Cedars and tree tops
MacGillivray Warblers in Ash thicket in rose pasture.
Song Sparrows here and there.

August 19, 1947, Woodburn to Hubbard, 9 to 907 a.m.
Vultures circling over the area.
Mourning Doves on the wire lines and at the edge of the highway.
Black-headed Grosbeak perched on wire line as I approached, but it dove into an apple tree when I approached.

August 20, 1947, Salem to Independence, 2-240 p.m., 25 Brkn. Cool.
Vultures very common circling everywhere over the countryside this p.m.
Say's Phoebe - saw one adult bird fly out over a stubble field from a wire line to catch an insect, and then return to the wire line. Quite tame.
Violet-green Swallows and Cliff Swallows scattered as singles or in very small groups feeding over most of the fields in this area.
Robins - a couple were seen.
Western Bluebirds - on wire lines near a hopyard.
Lazuli Bunting - one perched on wire line, and dove into fence row as I approached.

August 22, 1947, 12-mile Swamp, Bruce Station, 2-3 p.m. 15 Ovc, RH- , W 3 to 6. Cob
Pied-billed Grebe - one swimming in shallow pool with Pintails and Mallards.
Blue Herons - 3 were seen, and one had over half of the flight feathers in the wings missing, making it really look raggy. They were all much more willing to give croaks of various types when I flushed them.
Mallards - 12 in eclipse plumage were flushed at the S end.
Pintails - 4 birds in the eclipse plumage with the Mallards at the S end.
Vultures - several circling over, and 2 immature (blk. heads) perched in ash tree.
Violet-green Swallows - adults and immatures over the swamp area.
Tree Swallows - a few here and there, adults and imms.
Barn Swallows - mostly immatures were seen, there being only a few adults.
Cliff Swallows - next to the V-g's these were most abundant.
Tule Wrens seen here and there.
Robins - quite a few in the pasture and ash trees at the S end.
Cedar Waxwings - adults and immatures feeding over water.
Pacific Yellowthroats - a few in the spirea thickets, and ash trees.
Willow Goldfinches, adults and immatures, with males in blotched plumage.
Song Sparrows common everywhere - adults and young.

August 22, 1947, 13-mile Swamp to Bellfountain, 0300 to 315 p.m. 15 Ovc, RW-, W 5.

Vultures over the area
Sparrow Hawk - one flushed from top of pole by Lewis Woodpecker, but returned to light on the pole. This happened two times.
Mourning Loves - scattered individuals on the wire lines.
Lewis Woodpecker - pair flushed from side of gravel road where they had been at a small water seepage area by a puddle. One flew away, and the other flew to a pole on which a Sparrow Hawk was perched and the latter gave way twice.
Horned Larks - I thought I saw 2 along this road, but they are certainly less abundant that previously.
Seattle Wrens in fence rows
W. Bluebird immatures on wire lines and in fence rows with goldfinches.
Willow Goldfinches common on wire lines and in fence rows everywhere.
Savannah Sparrow - one seen on fence post by stubble field
White-crowned Sparrows - flock of 13-15 in gravel road near fence row.

August 22, 1947, Bellfountain to Greenberry Junction on Philomath Road 1515-1600. 15 Ovc, RW-, etc.

Vultures - I saw a few circling over the area, and also 27 were perched either on the ground or on fence post, all lined up along the fence line up the hill.
Sharp-shinned Hawk - flew from a clump of D. Fir into another one.
Mourning Loves - scattered individuals seen
Flicker - 2 or 3 calling from tree tops.
Violet-green Swallows over fields.
Barn Swallows common
Cliff Swallows over fields, etc.
Long-tailed Jay - a couple in young D. Fir-old Oak area, scolding.
W. Bluebirds on fence lines, and posts.
Audubon Warblers in D. Fir- Oak area.
Brewer Blackbirds feeding on ground freshly disced today.
House Finches - a pair flushed from a dense thicket, where they must have been keeping out of the rain.
W. Goldfinches common in small groups.
Oregon Towhee in fence row brush.
Vesper Sparrows flushed from dried grass in Sweet-Briar young D. Fir pasture area.
Junco flushed from gravel road at edge of D. Fir forest.

August 23, 1947, Corvallis Gravel Pits, Willamette R., 0730-0815, cool, scta. breezy

Valley Quail calling
Mourning Love at gravel
Rufous Hummingbird
Kingfishers along river
Flicker calling
Little Flycatcher
Violet-green Swallows
Rough-winged Swallow over river
Oregon Chickadees in small flock
Seattle Wrens scolding
Russet-backed Thrush common
Cedar Waxwings along river edge
Cassin Vireos calling
Warbling Vireo young in
Willow Goldfinches flock
Oregon Towhee calling
Chipping Sparrows at gravel
Song Sparrows

August 23, 1947, Avery Park, 0815-0850 a.m. cool, breezy, scta Cus.

Wood Ducks - 1 pair
Sparrow Hawk over field
Band-tailed Pigeon flew over
Little Flycatcher
Slender-billed Nuthatches
California Creepers
Seattle Wrens scolding
Russet-backed Thrushes imms & ads.
Ruby-crowned Kinglets - a few
Cedar Waxwings flying over
Hutton Vireo young calling
Cassin Vireos calling here & there
Yellow Warbler calling from alders
MacGillivray Warbler in fir clump
Black-throated Gray Warbler high in D. Firs.
Hermit Warbler - on in young D. Fir clump.
Pileolated Warblers and yng in alder clumps.
Western Tanagers - immatures, mostly in flock feeding in firs, and chasing each other.
Oregon Towhees
Juncos in fir clumps

Aug 20, 1947 - Corvallis - Nighthawks called at 7 p.m.
Aug 21, 1947 - Corvallis,- " " " 645 p.m.
Aug 23, 1947 - Corvallis - " " " 6 p.m. There were 20-25 together.
Vaux Swifts calling and flying high at 6 p.m. 15-20 of them.

August 24, 1947, Corvallis Gravel Pits, Willamette R., 12 noon to 1440 p.m.
Clear and warm, NW 3-5.

American Mergansers - At almost exactly 1215 noon I saw a group of "ducks" come around a bend in the river some 1/2 mile upstream from where I was located. I put the glasses on them and counted 10 birds, as they all got up and ran across the water to the inside of the next curve of the river. It took them approximately 17 minutes to work there way downstream the length of the inside of the curve, and into an estuary some 200 yards below and across the river from me. All birds were in the female plumage, and all were so much alike in size and coloration that no slight differences could be noted that might have distinguished the adult males and females from the young birds. Every once in a while a few of the birds would stand up and stretch their body and wings, displaying the bright white wing patches and under colorations. They were evidently busy fishing, for they did not see me, tho I stood on the bank. They "chased" over the shallow water areas together, diving, etc., and often would seem to be chasing each other. Often they glided over the water with their heads "cocked" looking downward and the crests slightly erected; or with the bill and front part of the head submerged and the neck arched; or swimming nearly submerged with only the top arch of the "shoulders" showing; or even swimming entirely submerged, at which time a definite increase in their speed was noted. All 10 of them did a good job of "milling around" and they tended to turn the fish, etc., into the shallow water. Once in a while one would get a couple of feet from the water, chasing an insect, in an awkward waddling-roll. Some of the birds, after swimming under water for a while were observed to actually come up, jumping clear of the water a few inches, tho not flying at all. They were not seen from 1245 to 1430, but at that time they were evidently flushed from some place farther downstream, for they flew upstream and landed opposite me, on the inside of the river curve again, and they began "feeding" upstream again. They found one nearly still place in the river, and all of them hesitated there a few minutes and were observed to do some preening, and just plain sitting.

Vultures flying over
Sharp-shinned Hawk in small Cottonwood about to take after some Robins on the ground.
Killdeer flew over, and lit on the gravel bars.
Spotted Sandpipers - 2 hung pretty close to one gravel bar.
Mourning Doves flew over.
Kingfisher - 2 seen. One would climb high, hover, and then swoop upstream a ways, climbing up again, hover, swoop upstream, dive downward and pulled out with out hitting the water, and skimming along just above it, as it crossed the river.
Lewis Woodpeckers - 4 of them were seen flying high, and heading SW.
Violet-green Swallows - mostly immatures were seen over the river.
Oregon Chickadees - working the brush in small groups
Seattle Wrens scolding.
Robins - 15-20 of them were on a fresh pile of dirt and rock in a sunny spot.
Russet-backed Thrush - a few heard.
Cedar Waxwings Willow Goldfinches flew over Oregon Towhee.

August 27, 1947, Corvallis Gravel Pits, 0830-0900, 10 Sctd, ½GF, cool

Green Heron on sand bar of main river
Gadwalls - 4 of them flying downstream
Spotted Sandpipers, 2 seen
Killdeers on gravel bars
Western Sandpipers - 5 on gravel bars and calling now and then.
Mourning Doves flew over
Flicker
Harris Woodpecker flew over, and called.
Oregon Chickadees working ash and fence rows
Seattle Wren scolding
Cassin Vireo calling
Pileolated Warbler in cottonwoods, calling
Western Tanager immature - one seen
Willow Goldfinches in wild mustard patches and gravel
Oregon Towhee
Green-backed Goldfinches in area of gravel pile.
Chipping Sparrows in gravel area.
Song Sparrows calling.

August 27, 1947, Avery Park 0900-0945, 10 Sctd, W 3, cool.

Valley Quail, 2 pair seen, one 20 feet up in maple, and giving alarm notes to young nearby, as I approached
Band-tailed Pigeon - 2 perched in old ash tree
Flicker
Little Flycatcher
Long-tailed Jay scolding
Oregon Chickadees
Slender-billed Nuthatches
Calif. Creepers
Robins - a few
Russet-backed Thrush calling near river
Ruby-crowned Kinglets in tallfirs
Cedar Waxwings here and there
Cassin Vireos calling frequently
Hermit Warblers in tall D. Firs, and calling
Pileolated Warblers in ash and maple trees
Black-headed Grosbeak feeding on ripe blackberries
Juncos in timber

August 29, 1947, Oak-Fir ridge, north of Fern Ridge Dam, Lane Co. 915-930 a.m.
8 OVC W5-7, NW-, cool.

Vultures circling over
Western Bluebird immatures on wire lines and in oaks
Towhees
Juncos
Song Sparrows.
Slender-billed Nuthatch in pine-oak area.

August 29, 1947, 12-mile Swamp, Bruce Sta. 730-9 a.m. 8 OVC, W 3-6, cool

Blue Herons - 2 or 3 seen
American Egret - just one in south end, and later perched in ash snags in plain sight.
Mallards - flushed 3 in central area, and some 20 or more at south end, mixed with
Blue-winged Teal - we flushed a dozen or [illegible] from one place and later put up two more not far away. Speculums were brilliant, but we didn't get a look at heads.
Wood Ducks - flushed 6 or 7 with the Mallards.
Pheasants - in nearby fields. 10-15 per flock of young 3/4-grown birds.
Coots - 3 or 4 were seen. First since last spring.
Mourning Doves here and there.
Horned Larks - a couple were seen, and heard.
Violet-green Swallows here and there, with
Tree Swallows, but not as common as
*Barn Swallows, which seemed to be everywhere. Bob spotted an pure albino a little bit ahead of me, and we observed it for a short while, as it flew around, and was chased by the other barn swallows. It wasn't over 75 feet from us. This "persecution" habit of the normal birds was noted at McCord Field in 1943.
Cliff Swallows - not very many seen
Oregon Chickadees in the ash trees
Tule Wrens very common in the swamp, and many were singing.
Cedar Waxwings - not too many seen here and there.
Cassin Vireos calling from ash trees along west side.
Audubon Warblers - 2 or 3 seen and heard.
Pacific Yellowthroats still common in the spirea brush.
Pileolated Warblers in the brush and scrub ash trees.
W. Meadowlarks heard singing.
(Yellow-headed Blackbird) - I am quite certain I heard one, but did not see it.
Redwings - after all this past month, there were well over 100 of them in the swamp this a.m., both young and adults, and M & F. calling everywhere, flying around, and perched on the tops of spirea brush, etc.
Willow Goldfinches common here and there.
Oregon Towhee - a few heard and seen
Song Sparrows common and many heard singing.

August 29, 1947, Fern Ridge Reservoir, Lane Co., 930-215 p.m. 10 Ovc, NW-, W3-5.

White Pelicans - some in the ponds below the dam at the north end, and on the open water well-scattered all around the lake, and in the ponds south of the south end of the lake. Must have been between 30 and 50 altogether.
Cormorants - several seen, on in Long Tom River below the dam, and others perched.
Blue Heron - at least ~~6~~ two or three dozen must have been seen.
American Egrets - at least 5 birds were seen at the southeast side.
Green Heron - we saw 2 different ones.
American Bittern - flushed one from marshy area near Elmira road.
Mallards - 30 or more in marsh areas at SE side
Gadwalls - we flushed at least 8 of them, all but two being immatures, with plenty of black in the speculum.
Pintails - two full adult males seen leading 8 other birds, and other scattered indiviauals flushed here and there.
Blue-winged Teal - altho we saw several teal we can be sure of only 4 of this specie
Vultures flying over now and then.
Marsh Hawk male over S end.
Valley Quail - in gravel road,
Pheasants - a few seen.
Virginia Rail - Bob and I caught a black downy bird in marshy area near the lake below or north of the dam. It was about 3½" long in body, with head 3/4", and bill black and 1" long, and tarsus about 3" long. The very filmyest and smallest of feathers were coming out here and there, and the tips of a few pin feathers were to be seen. Some of the small feathers already had touches of chestnut around it. It ran under a log where we caught it, and I banded it with 41-354649 (#3). A very late nesting record is indicated for this bird.

OVER OVER OVER

Aug. 29, Fern Ridge continued:
Sora Rail - 2 adults were flushed in the cattail marsh area of the NE dike.
Coots - quite common in small groups around the water.
Killdeer - scattered ones, and some in with small flock of Least's.
Wilson's Snipe - flushed one from swampy grass area.
Spotted Sandpiper - on the Long Tom R. below the dam.
Yellowlegs - both Bob and I heard one call, but neither was successful in spotting the bird.
Least Sandpipers - small flocks of 5-25 birds common whereever we flushed them in the south end marshes.
Western Gulls - 2 or 3 immatures seen over the water area.
Mourning Doves - scattered pairs or small groups here and there.
Violet-green Swallows and
Barn Swallows were the only species observed. Common in mixed adult and young flocks.
PURPLE MARTINS - GONE
Seattle Wren in brushy areas.
Tule Wrens - scolding and also singing and otherwise quite noisy, and tame.
Cedar Waxwings - here and there.
Warbling Vireo immatures feeding in pear tree Audubon Warbler in fencerow
Pacific Yellowthroat - quite a few in the brush areas.
Purple Finches
Willow Goldfinches common in small groups in most of farm areas, with other species.
Green-backed Goldfinches quite rare.
Brewer Blackbirds common in small groups and flocks up to 50 or so.
Vesper Sparrows in grass area with Goldfinches and Chipping Sparrows
Juncos - a few
Chipping Sparrows - flock of 15-20 with Goldfinches and Vespers in grassland area.
Song Sparrows.

August 29, 1947, 4 miles W of Elmire, Lane Co. 230-330 p.m. Ovc/20 sctd. cool.
Flickers in trees and calling
Lewis Woodpeckers perched in snags and on oaks
Coast Jays calling
Long-tailed Jays scolding
Oregon Chickadees
Violet-green Swallows here and there
PURPLE MARTINS - GONE
Oregon Towhee
Oregon Juncos.

August 29, 1947, Glenbrook, and vicinity, Benton Co. 415-5 p.m.
Vultures circling over
Band-tailed Pigeons - on one oak hillside were over 40 birds in the tops of the oaks, and they flew across the field to another wooded area.
Pileated Woodpecker in D. Fir area.
Lewis Woodpeckers - several seen perched in oaks, and on snags, and flying.
Coast Jay Long-tailed Jay W. Bluebirds hovering over field at 5 feet +.
Audubon Warbler Pacific Yellowthroats in fence rows, brush, etc.
Western Tanager heard in D. Fir area.
Willow Goldfinches common, most in partial/ plumage.
White-crowned Sparrows in flock of 15 or 20 in Blackberry patch and pasture area.

August 29, 1947, [illegible] to Drain Jct on Willamette River, 515-615 p.m.
Pacific Nighthawk flying and calling here and there
Pileated Woodpecker in L. Fir area.
Lewis Woodpeckers - over a half dozen seen. One flew to a tall snag where a Gairdner Woodpecker was in the top, and circled 4 times before finally flying in and bluffing the smaller bird from the perch, after which it circled once more and alit on the snag.
Gairdner Woodpecker on top part of tall bare snags.
Violet-green, Tree, Barn and Cliff Swallows in [illegible]-moving flocks over this north-south running ridge.
Coast Jay Bush Tits - flocks working some scrub oak along the road.

Willamette R. gravel pits – Aug 31, 1947 – 1100-1515 Clear hot. 90°

Vultures circling over all the time
Killdeers calling from gravel bar
M. Doves flew over
Vaux Swifts – 23+ feeding high over the river + cottonwood tree tops
Kingfisher – 2 seen
Cedar Waxwings – 30-40 in the area
Pileolated Warblers – 2 in fence row
Willow goldfinches in fence row – 7 of them – in bad plumage

Sept
Aug. 25, 1947, Nighthawks calling at 645 p.m.
26 1 p.m. (dark and cloudy)
27 650 p.m.
28 430 p.m. (dark and cloudy)

August 26, 1947, 5 p.m. Flights of Cackling Geese went over.
28 1 p.m. " " " " " " (about 350).
August 30, 1947, 615 p.m. Western Tanager M and Imm. in trees on 15th and Harrison.

September 3, 1947, 8-9 a.m. Avery Park, Corvallis, Clear and warm.
Anthony's Green Heron perched in Ash tree over edge of river.
Flicker on ash tree
Gairdner Woodpecker in fir grove.
Little Flycatchers common everywhere in the tree tops
Long-tailed Jays calling
Oregon Chickadees here and there
Chestnut-backed Chickadees – 2 immatures calling and working a small D. Fir.
Slender-billed Nuthatches Bush Tits – a flock of 7 seen.
Red-breasted Nuthatches – a flock of 10-12 immatures working thru small D. Firs.
California Creepers – 2 seen on tall firs.
Hermit Thrush – one was seen in dense brush in the park.
Russet-backed Thrush – 3 immatures feeding on Blue Elderberries.
Cassin or Hutton's Vireos calling almost continually this a.m.
Audubon Warblers – high in D. Fir.
Black-throated Gray Warblers – immatures in D. Fir.
Pileolated Warblers in Ash and Maple trees
Western Tanagers in Ash and D. Fir. Immatures
OregonTowhhes
Juncos here and there.
Song Sparrows

September 4, 1947, 8 miles NE of Newberg, Washington Co., 1415-1500 Clear and warm.
In Yel Pine DiFir, Madrone, Oak area.
Vultures flying over
Flickers calling from D. Fir snag.
Long-tailed Jay
Oregon Chickadee
Bush Tits working scrub oak in small flock
Seattle Wren scolding
Western Bluebirds flying over
Audubon Warblers
Black-throated Gray Warbler immatures in with Bush Tits in Scrub Oak and Serviceberry
Purple Finches feeding on Madrone berries
Juncos feeding on Madrone berries
Chipping Sparrows here and there
Song sparrow feedingon Madrone berries.

September 7, 1947, Willamette R. Gravel Pits, Corvallis, 530-515 p.m. OVC/10 Brkn, W to SW 7-15. NW-

Blue Herons - several seen, o ne immature feeding just across the river from me, and moving towards an
Anthony's Green Heron that was stancing at the eage of the river on the gravel bar. Another immature bird lit on a piece of drift wood some 75 feet from the water, and squatted there a while, then moving onto the gravel and squatting there, as if trying to escape the cold winds.
Wood Ducks - 3 flew from a "slough" on the other side
Killdeer - a few on the gravel bars.
Spotted Sandpipers - 2 seen flying down the river, in mid-stream.
Vaux Swifts - 150-200 flying low to high over the river, and nearby trees, calling, and feeding in the rain.
Kingfisher - one seen
Violet-green Swallows - a few immature or molting birds in with the Swifts.
Cedar Waxwings - 25 - 30 in flocks in the cottonwoods and willows near the river.
Willow Goldfinches in weed patch away from the river.

September 9, 1947, 12-mile Swamp, 130-315 p.m. 80 Ø warm, SW-W 4-12. ash leaves falling rapidly

Blue Herons - 2 flushed and croaked while flying
Mallards - a flock of 4, 3, 2, 7, and 9 put up here and there
Pintails - 5 flushed - 1 male just getting full plumage
Blue-winged Teal - flushed 4 in with Mallards and
Green-winged Teal - ther e was a flock of 18 of them, in ~~eclipse~~ female plumage.
Shovelers - there were 3 on open water near the center bridges in F plumage.
Vultures circling over
Pheasants - 2 cocks flushed near water's age
Coots - 3 were seen near center bridges.
Flicker calling
Gairdner Woodpecker working on 3/8" dia. horizontal ash twig just 5 feet from me.
Violet-green Swallows - 50 or so seen
Bank Swallows - about 15 in with the other swallows.
Barn Swallows - there must have been over 500 of them flocked near the bridges, perched in small ash trees, on fence lines, and on the ground in the gravel.
Cliff Swallows - perhaps a 100 were mixed in with the Barn Swallows.
Tule Wren - just heard one
Robins - 25 to 30 in the ash groves at the south end.
Cedar Waxwings - 15-20 in ash trees at eage of water.
Pacific Yellowthroats - a few in the brush clumps, scolding, etc.
Redwings - a flock of 250-300 perched in a Spirea thicket in the center of the swamp
Willow Goldfinches - small flock along fence row.
Oregon Towhee
Song Sparrow dusting inthe road.

September 8, 1947, Oak-pine-prairie area E and N of Winkle Butte, 515-4 p.m.
Vultures circling over
Cooper Hawk - over Pine forest area.
Redtail Hawk circling with the vultures
Mourning Doves - just 2 seen along 15 miles of road
Sparrow Hawk - just one seen along 15 miles of road
Stellar Jay in Oak-Pine & Fir woodland
Raven - flying over oak-pine area.
Brewer Blackbirds - flock of 45-50 feeding in plowed field, and wet ditch.
Willow Goldfinches common in flock of from 50-100
White-crowned Sparrows - saw 4 in a hawthorne thicket.

September 10, 1947, Big Lake, Linn Co., 4650', 1000-1400, 1545-1800, Clear & windy.

Barrow Golden-eyes - saw about 5 different birds.
Goshawk flew in over the lake at 40 feet affording a good view of it.
Cooper Hawk
Red-tailed Hawk circling over the lake, and pine forests.
Flicker - several seen in pine, feeding on the ground, etc.
Oregon Jays- one adults and 3 immature birds seen.
Stellar Jays - here and there, some silent, and others scolding.
Oregon Chickadees - a few mixed in with a troup of
Chestnut-backed Chickadees working scrub pines.
Red-breasted Nuthatches - several seen.
Hermit Warblers - 2 seen, and others heard
Juncos h re and there, fairly common.

September 10, 1947, Sand Mountain, Linn Co., 5460', 1450-1530, clear and windy.
A lava rock and sand crater butte, nearly barren atop with Dwarf Juniper, White-barked Pine, Noble Fir, Manzanita, Ceanothus, etc.
Pigeon Hawk flew in over us as we flushed a couple of pipits, and both birds headed off the mountain into the [illegible] wind, and climbed higher and higher, just hanging there, the pipit some 15 feet above the Hawk.
Varied Thrush in forest on N. and E slopes
Pipits on the wind-swept top ridge of the mountain.
Juncos - adults and all-brown youngs

September 11, 1947, Big Lake, 630 a.m. (45° air; 54° water, 20-25 east) to 1000.
Horned Grebe, in winter plumage, or an immature obliged us by swimming and diving in 5-15 feet of water just offshore from our camp. It spent more time on the diving than it did on top of the water.
Flickers calling here and there, early
Oregon Jays - 4 immature birds seen
Stellar Jays flying silently thru the trees, but some occasionally scolding.
Mountain Chickadees in flock of 15 to 20 with
Red-breasted Nuthatches, which were in brilliant plumage with Audubon Warblers.
Robins - 2 or 3 seen
Audubon Warblers in with the Chickadees and Nuthatches
Yellow Warbler - just 2 were seen, and it was a surprise, indeed.
Vesper Sparrows in meadows at edge of lake. At 9 a.m. I observed one bathing in the breakers at the edge of the lake, where it stood in 1-2 inches of water.
Chipping Sparrow - flushed from a dry meadow area into some pine trees
Song Sparrow in the spirea by the lake edge. One called.

September 11, 1947, Patjen Lake, 1030-1230 noon. Clear and windy.
Rough-legged Hawks (Ferruginous ??)2circling high over 5500' butte N of the lakes.
Flickers here and there in the pine, and on the ground.
Harris Woodpecker - one seen.
Arctic 3-toed Woodpecker - one orange-crowned and black-backed one seen on tall pine snag in semi-open pasture area.
Oregon Jay adults in thicker forest.
Mountain Chickadees working thru the pine
Red-breasted Nuthatches - several seen, and could be heard calling here and there.
Robin
Pipits - 6 of them were on the "mud flats" at the edge of be water.
Savannah Sparrows flushed from the grassland meadows
Juncos here and there in pairs, etc.

September 11, 1947, Big Lake, 1300-1550, 1630-1850. Clear and warm, and calm.

Barrow's Golden-eyes - All either immatures (altho dark-headed), or in change plumage. I got within 15 feet or close on two in a bunch at the NE end of the lake. Others all were down the lake, and it was as these times that I sneaked up close to them, freezing as they came up. When I did let them see me move, audible, low alarm, or alert notes were given, but they didn't fly, and as I walked up on them they just swam slowly ahead of me, and thru the inlet into the main part of the lake. Finally they took off (one not being able to leave for lack of primaries), but it ran 100 yards trying it. The others got off the water in 75' or so. They were joined by 3 others in mid-lake where wing and body stretching took place.

Vultures - one circled over the area

Clarke Nutcrackers - a few calling, and some seen flying here and there.

Red-breasted Nuthatches working in small flocks thru the trees

Hermit Thrush - 2 found in deep woods 1 mile N of lake.

Audubon Warblers in tree tops, calling singular notes, etc.

September 11, 1947, Hayrick Butte, 1 mi N of Big Lake, 1530-1630, clear and warm.

Ravens over ledge of butte

Clarke Nutcrackers around the butte, circling and calling.

Red-breasted Nuthatches in forest below south side.

Juncos in pairs here and there.

724

September 12, 1947, Big Lake, 0615-0940, clear, and calm. Few Hi scts Cirrus.
At 630 a.m.: (40° air, and 53° water).

Mallards - flushed 2 in autumn plumage from a pool off NE end of lake.

Golden-eyes - 7 seen in mid-lake

Flicker here and there

Alaska 3-toed Woodpecker - two birds came thru camp area, and others calling.

Swallows (sp. ???) 11 were seen cirling and calling at at least 400' high.

Oregon Jays 4 immatures seen

Stellar Jays Clarke Nutcrackers flying here and there, and calling.

Mountain Chickadees in small flocks

Red-breasted Nuthatches in small groups with the Chickadees

Robins

Mountain Bluebirds - 5 birds were seen.

Audubon Warblers - a few working thru the tree-tops.

Hermit Warblers - atleast 5 different birds were seen, and others heard

Western Tanager calling

Vesper Sparrows in meadow area.

Juncos here and there.

Song Sparrow

725

Big Lake to Clear Lake - 0940-1045 a.m. Sept. 12, 1947

Ruffed Grouse - one birds flushed into tree at 40 feet

Flickers - we tallied 14 birds feeding on the ground as we approached them along this stretch of sandy, and lava rock, forest, etc.

Stellar Jays her e and there

Robins - 3 were seen.

Juncos not common.

726

Clear Lake, Sept. 12, 1947, 1045-1055 a.m. Clear and warm.

Kingfisher 3 Ravens in old fir by the road above the lake

Stellar Jay

Clear Lake, Sept. 12, 1947, 1100-1220 noon, to Belknap Springs.

Stellar Jays

Juncos - a few

[illegible] September, [illegible], 1947, [illegible] State Park, [illegible] Co. [illegible]
north side.
[illegible]
Stellar Jays
[illegible]
Chestnut-backed Chickadees
Creeper

South side
Wood Duck - female on lower quarry pool
Vultures circling over
Sharp-shinned Hawk sailing low, and diving on mice now and then
Sparrow Hawk on wire line near road. Red-tailed Hawk.
Bob Whites- flushed one covey of 11 birds from gravel road
Pheasants here and there, mostly young birds
Band-tailed Pigeons - 2 flushed from oak tree near top of butte.
Mourning Doves - few scattered here and there.
Vaux Swifts - several with swallows over water, and others high over butte top.
Flicker - a couple seen, and others calling
Violet-green Swallows - 50-75 dipping into water in mixed-up fashion. Time and again
Tree Swallows - 4 seen/ / mostly immatures.
Barn Swallows - 25-40 with others over water.
Cliff Swallows - only 4 birds were seen.
Long-tailed Jay in thickets, and scolding now and then.
Ravens - 3 were circling and having "duels" with Red-tailed Hawk now and then.
Oregon Chickadees in oaks and bushes
Slender-billed Nuthatches - 2 birds seen.
Tule Wren - at east end of low quarry, in tule or cattail area
Robin
Audubon Warblers - a few working thru the oaks
Pacific Yellowthroats - in willow thickets in cattail area of quarry
Meadowlarks - on grassy slopes. Some singing.
Redwing - flushed one from cattail area of quarry
Willow Goldfinch - in small flocks here and there, most in molting process.
Vesper Sparrows - flushed now and then, perhaps 10 altogether.
Junco
Song Sparrows

September 15, 1947, Helmick State Park, Luckiamute R., Polk Co. 1015-1100, Clear & warm.
Redtail Hawk in top of L. Fir tree
Vaux Swifts - 15-20 over tree tops near river
[illegible]
Violet-green Swallows
Stellar Jay - 5 birds seen. Two were calling, and carrying fresh Hazelnuts at the same time.
Chestnut-backed Chickadees
Slender-billed Nuthatches
Seattle Wren
Robin
Cassin Vireo calling in big-leaf maple tree
Audubon Warbler
Black-throated Gray Warbler in maple tree and alders, too.
[illegible]

September 15, 1947, Woodburn, Black-throated Gray Warbler at home, 5 p.m.

Sept. 15, 1947, Welches Golf Course, Mtn. Hood, Clackamas Co. 1130-5 p.m.
Killdeer - 5 seen
Stellar Jays - flying about the timber, and calling now and then.
Ravens - 2 flew over
Sutton Vireo - calling from maple tree at edge of L. Fir woods
Pacific Yellowthroat - [illegible]
[illegible] on the fairway
Chipping Sparrows - on the fairways, and flew into trees when flushed.

September 17, 1947, Poison Oak Lake, Linn Co., 1300-1415, 15 Brkn, T 5, warm.

Green Heron flushed from edge of lake, [illegible] end, when it flew into an ash tree and just perched there.
Vultures - circling over, and no matter where you looked in the area, they could be seen in 1's, 2's, or more.
Wilson Snipe - flushed twice from SW corner, and west side. Flew up to 100 feet or so
Vaux Swifts - in small flock high over L. Fir tree tops with V. G. Swallows
Flickers - must have been 8 or 10 around the lake, and all were giving the "chuckling" call notes, as if talking back and forth to each other.
Violet-green Swallows - a few
Long-tailed Jays - I saw at least 6 of these birds, as they fed in the oaks, securing acorns, and flying off with them (to store them???). They would try to give calls with acorns in their bills, and it changed the tones considerably.
Oregon Chickadees - seemed to be everywhere in the fir, and oak, and ash, and brush as well. Calling as they fed thru the area.
Slender-billed Nuthatches - 3 seen feeding on oak trees
W. Bluebirds - 7 flew over
Cedar Waxwings - 5 or 6 heard and seen.
Audubon Warblers - a few in the firs and oaks.
Purple Finches - a few in the tree tops
Willow Goldfinches - small flocks flew over, calling.
Oregon Towhee - "mewing"
Song Sparrow - heard just one singing.

Seattle Wren nest in poison oak bush, in open, at 2'. Neatly-made nest, with canopy of leaves over it.

Sept. 17, 1947, Stewart Lake, Benton Co, 1415-1550, 15Brkn, W6, warm, Ocsnl Lt-
Blue Heron flushed from top of old oak on west side of lkae.
Mallards - 25-30 on the lake, no full adult male plumage seen.
Wood Ducks - 15-20 seen, 1 full adult male
Gairdner Woodpecker working trunks of willows
Violet-green Swallows - a few
Seattle Wren - one seen.
Oregon Towhee
Song Sparrow

Sept. 18, 1947, Avery Park, Corvallis, 9-10 a.m. Clear, cool, T 0-12.
Anthony Green Heron on floating log in river. As I approached it twitched its tail up and down nervously as I have seen them do before. I stopped within 35 feet of it, and it turned its head directly towards me and finally flew across the river to a pile of logs where it froze for 2 or 3 minutes, before climbing over the pile and dropping to the edge of the shallow water where it proceeded to hunt for food.
Vulture circling over
Flicker - 3 or 4 seen, and heard calling
Red-breasted Sapsucker - 4 on one snag, playing and "talking" with each other, as has been observed before
Stellar Jay - 4 were heard and seen in ash trees on the south edge of L. Fir forest
Oregon Chickadees in small flocks working the trees and brush
Slender-billed Nuthatch working ash, maple, and L. fir
Seattle Wrens - 2 different ones scolding.
Robin - a few in the tree tops
Russet-backed Thrush - 3 or 4 in the brush on the south side, calling.
Cedar Waxwings everywhere in the areas along the river. This a.m. at 645, I saw some feeding on Mtn. ash berries in town.
Cassin Vireo calling
Audubon Warbler - a few working L. Fir and ash.
Western Tanager - just one imm. or female seen in ash
Evening Grosbeaks - 6 flew into Big-leaf maple, and ate a few of the samaras-flew on
Purple Finches singing here and there
Green-backed Goldfinch
Oregon Towhee
Junco
Song Sparrow

Sept. [illegible], 1947, 12-mile Swamp, and en-route, 8-1045, hi-thin Brkn, calm, 42° (at 8).

Pied-billed Grebe immature in open water by bridge, and did not fly.
Mallards - saw 3, and a marsh hawk flushed about 35 others.
Pintails - saw 25 or 30 flushed from north end by a marsh hawk
Green-winged Teal - saw 5 for sure, plus some 50& flushed by the marsh hawk, of which some may have been blue-wings.
Vultures - circling over the swamp, and everywhere you look over the country, [illegible]
Cooper Hawk - watched one on west side of swamp, trying to catch Redwings- it failed.
Marsh Hawk male quartering back and forth over the swamp, flushing Mallards, Pintails Green-wing Teal, Wilson Snipe, and Redwings.
Sparrow Hawk on top of dead snag by the road
Pheasants - common in the fields around the area, and coming from Corvallis
Coots - 4 were seen on open water
Wilson Snipe - flushed at least 4 different birds in the north and south ends.
Killdeer - common here and there. Calling. Saw 11 in one flight, and 5 in another.
Vaux Swift - a couple in with the swallows over the swamp.
Flicker - 2 or 3 seen flying across the swamp.
Horned Larks - saw about 15 of them, mostly immature birds in with Savannahs and Pipi
Violet-green Swallows - 2-300 over the swamp, mostly immatures, with the [illegible]
Cliff Swallows - about 25 or 30 were seen, (I'd guess). too.
Stellar Jay - calling from ash thicket on west side of swamp.
Raven - flew over, and chased by Blackbirds
Oregon Chickadees - just 2 seen
Tule Wren - saw 3 of them, and heard a couple of others
Robin - 2 or 3 seen
Western Bluebirds - 11 flew over in one flock
Cedar Waxwings - 2 large flocks of 35-50 were seen at about the same time.
Audubon Warbler - a couple seen
American Pipits - mixed in with Horned Larks and Savannah Sps at edge of road in grassland area. A couple perched on fence posts, and tipped continuously.
Pac. Yellowthroat - still a few occupying the spirea shrubs of the swamp area.
Redwings - about 100 here and there.
Brewer Blackbirds - seen all the way down in pairs, or small groups of pairs or up to 30 or so birds.
Willow Goldfinches - immature and molting birds in flocks of up to 75 or so birds.
Savannah Sparrows - in with horned Larks and Pipits in grassland area.
Song Sparrows here and there, singing. Clocked one at 28 m.p.h. ahead of the car.

Sept. 20, 1947, Flats west of Greenberry Sta., 1045-1115 a.m. -Ø/ N4, 60°

American Rough-legged Hawk - had ample opportunity to observe a bird of late 1st or 2nd year plumage perched on a fence post in this flat prairie area. When it flew, it climbed about 40 feet up and then hovered nearly motionless against the wind, like a Sparrow hawk, searching the ground for roodents below it.
Flickers common
Mourning Dove - 2-grown young perched on board fence. I got within 5 feet of it.
Long-tailed Jay in scrub oak thickets
Robins - in scrub oak and ash trees along dry creek bed.

Sept 20, 1947, 3 p.m. Stewart Lake
Mallards - 15-20
Green-winged Teal - some 20 present
Shovellers in immature plumage, with bright speculum - 30-40.

Sept. 21, 1947 - Corvallis - 9½ a.m.
Fox Sparrow - a pair on the lawn in the backyard.

Sept. 23, 1947, Avery Park, Corvallis, 1315-1330, NE7-10, 85°, -Ø/

Flicker Slender-billed Nuthatch Seattle Wren scolding Robin
Hermit Thrush perched in hazel thicket
Cedar Waxwings in ash by the river.
Audubon Warbler singing lightly
Junco on ground by the river.

Sept. 23, 1947, Corvallis-12-mile Swamp, 1330-1350, NE7-10, 85°, -Ø/

Vulture - 3
Killdeer, 4
Barn Swallow - 100& in one group at Greenberry
English Sparrow - 4
Redwing - 1
Brewer Blackbird - 8
Purple Finch - 1 singing
Goldfinch sp? - 4
Song Sparrow - 1

AND RETURN, 1530-1600, 87°, NNE8-12, -Ø/
Killdeer - 2
Barn Swallow - 1
English Sparrow - 2
Meadowlark - 2
Brewer Blackbird - 26 (25 together)
Fringillid sp? - 4
Goldfinch sp? - 2

Sept. 23, 1947, 12-mile Swamp, 1350-1530, 86°& , -Ø/

Pied-billed Grebe - 4 immatures on one patch of open water
Cackling Goose - 1
Mallards - 15-25 on the area, no full males
Pintail - 1 (imm. or molt, etc??)
Green-winged Teal - 25-30 with the Mallards and shovellers
Shovellers - 3 full males & 4 or 5 other birds
Vulture - a couple circled over
Redtail - 1 circling low over the field - not full adult.
Marsh Hawk - 1 female and at least 3 immatures cruising back and forth over the swamp, particularly along an ash-spirea fence row in which several adult and immature pheasants were "holed-up". Sometimes they'd perch on bushes in the middle of the swamp, or dive at a young pheasant, or flush a large group of Redwings, but they didn't flush a mixed flock of ducks that they flew over, and I can't understand that for the other morning the ducks flushed under them as readily as the redwings, etc.
Sparrow Hawk - 1
Pheasants - up to 15 or so worked out of the aforementioned fence row into the Raucus fields east of the swamp, where we flushed them.
Coot - just 1 seen
Killdeer - up to 6 in a group and 2 or 3 such groups seen
Wilson Snipe - flushed 1 in south end.
Flicker - 1 seen
Barn Swallow - none present when we arrived, but as we left 25 or so were around the cabin area.
Oregon Chickadee - 1 Robin - 10 or 15 in ash at south end. Pipits - a few
Meadowlark singing Redwings - over 1 mixed present Brewer Blkbd - few
Willow Goldfinch - about 30 seen in imm. or molt plumage.
Savannah Sparrow - we must have seen at least 50 of them altogether scattered over the area, for they flushed as singles and 2, 3, or 4, etc., everywhere.
White-crowned Sparrows - 2 or 3 seen in fence row
Song Sparrows - 2 or 3 seen.

Sept. [illegible], 1947, Corvallis - [illegible]

[illegible]
Ring-[illegible]
[illegible] - 6
[illegible] - 4
[illegible] - 6
C. [illegible] - 3
[illegible]
[illegible] - 14

740

Sept. [illegible], 1947, [illegible]

Ring-necked Pheasants - 6
[illegible]rning Love - 10
Flicker - 1
[illegible] - 1
Pipits - 3
[illegible] - 1
[illegible]

741

Sept. [illegible], 1947, [illegible]

Mallard - about [illegible] to be seen
Blue-winged Teal - 8 seen
Green-winged Teal - about 25
Shoveller - a few
Vulture - 3 or 4 circling over
Pheasants - about 10 adults and young flushed
Coot - about 9 seen
Killdeer - a few
Wilson Snipe - flushed 7
Towhitcher - 4 very tame with mallards and green-wings
Violet-green Swallows - 50-100 present
Tree Swallows - about 25 seen
Barn Swallows - 150-175 in the area in flocks with the others.
Oregon Chickadee - one or two seen and heard
Marsh Wren - scolding and singing
Pipits flying over
Pacific Yellowthroat - 2 or 3 seen
Meadowlarks - about 30 seen (may have been more).
Yellow Goldfinches common
Oregon Towhees - 2 pair seen.

742

Sept. 28, 1947 - 0830-1000, Timbered Ridge north of Fern Ridge Reserv., Lane Co.
Cackling Geese - a flight of 45 came in from the NW
Flicker calling
Steller Jay
Long-tailed Jay
Chestnut-backed Chickadees
Golden-crowned Kinglets
Pipits flying over
Hutton ?? Vireo - one heard, probably this species.
[illegible]
Oregon Towhees
Purple Finches singing
Juncos

Sept. 28, 1947, Fern Ridge Reservoir, Lane Co. Hi Ovc/70Brkn, 15% 1000-1430, Phil Dumas, Dave Marshall, Tom McCallister, Bryan Hoest, and Fred Evenden.

Western Grebe - one in full plumage observed in lake below the dam.
Red-necked Grebe - one seen in vicinity of NE lake.
White Pelicans - a few below the dam on the lake. One was observed to catch a fish (species unknown) about 15" long. [illegible] the water, practically asleep. Both were very tame. At the south end we observed about 50 birds circling low over an ash-covered peninsula.
Farallon Cormorant - just 3 were seen flying over Gibson Island.
Blue Herons - many seen around the reservoir. Most in shaggy plumage.
American Bittern - Dave and I flushed one immature near a ditch.
Canada Geese - 6 flew from west side of reservoir, but we didn't identify ssp.
Mallards - many in SE corner, and few in north area.
Gadwall - a couple were seen
Pintails - a raft of over 100 birds in SE area, with Mallards and teal, and other small groups seen here and there.
Blue-winged Teal - a flock of about 12
Cinnamon Teal - I saw one "shaggy" appearing male.
Shoveller - a few were seen
Wood Duck - about 7 were flushed from ash area with mallards
Ruddy Duck - 1 male and 2 females were swimming non-chalantly in the lake area below the dam and we had a fine chance to observe them.
Green-winged Teal - a few were seen.
Vultures - quite a few circling over here and there.
Cooper's Hawk - one seen at north end near old orchard.
Red-tail Hawk - one at north end.
(Bald Eagle) ?? - we observed a huge bird perched atop a dead tree but it was so far off we couldn't identify it. No white head seen, but it may have been an immature.
Marsh Hawks - many in the area, and we saw at least 4 at one time. Immatures seem to have more chestnut on underside.
Sparrow Hawk - a couple were seen.
Valley Quail - 3 were seen
Pheasants - a few flushed at north end.
(Virginia) Rail - we heard singular notes a few times today, but none of us heard enough to be confident of the species of Rail. Probably this one.
Coots - up to 25 in one group, and scattered around the edges of the reservoir.
Killdeer - many seen all day, and some in flocks of 5-10 birds, fooling us, for they were usually silent.
Wilson's Snipe - we flushed dozens of these birds today.
Spotted Sandpiper - [illegible]
Greater Yellow-legs - several heard and seen, but none in flocks
[illegible] - we were very fortunate in seeing several individuals of this species, and approaching within 15 or 20 feet of them and observing them with glasses. About 8-8½" long, with white rump and outer tail, and plain black down the middle of the tail, whitish belly, and it utters a sharp krurk, or kreek when it is flushed.
Least Sandpipers - scattered singles or small groups everywhere thru the marshy area, with Dowitchers, Pectorals and Westerns. Their higher call notes are easily distinguished from the Westerns.
Dowitchers - we observed a flock of [illegible] of them, and they wouldn't flush till I stood up above them and moved in. There were about 45 in this group and it was a real thrill to get so near and observe them feeding, and listening to their [illegible]. [illegible] a flock of about 17 birds, and later, on the south highway we saw a large flock of 60-75 birds in a marshy area.
Western Sandpipers - scattered singles or small groups everywhere thru the marshy area, with Dowitchers, Pectorals and Least's, and Killdeers Call notes lower than the Least's.
Calif. or Ring-billed Gull - a few of them were seen.

Fern Ridge, Sept. 28th continued:

743

Mourning Doves - 5 on wire line
Flicker - a few
Violet-green Swallows - quite common
Tree Swallows - just a few seen
Barn Swallows - many to be seen in flocks with the other swallows.
W. Crow - 7 flying over oak grove
Oregon Chickadee - a few
Slender-billed Nuthatch - in oak grove
Seattle Wren - in clump of blackberry vines.
Tule Wren - calling from cattail swamp
Robin
Pipits - common everywhere in marshy areas and flying over
Cedar Waxwings - a flock of about 10 seen in ash tree
Audubon Warblers - a few seen
Pacific Yellowthroats - scolding from the spirea and other brush.
W. Meadowlarks - a few singing.
Redwings - in one area we saw a mixed flock of about 350-400 birds, mostly in immature or molting plumage.
Brewer Blackbirds - not too many seen
Purple Finches singing here and there
House Finch - a flock of about 15 in old orchard area, and on brush in open areas.
Willow Goldfinches - flocks in winter plumage common
Green-backed Goldfinches - not too many seen
Oregon Towhee - a few
Savannah Sparrows - the marshy and field areas, have been "taken over" by these sparrows for they are everywhere as singles, in small groups and flocks of up to 50 birds.
Vesper Sparrows - a couple seen
Juncos here and there
Golden-crowned Sparrows - a few in oak-brush area, calling
White-crown Sparrows - in small flocks in the brush here and there.
Song Sparrows - calling and singing here and there.
64 species - total.

TWELVE-MILE SWAMP AT BRUCE, TWELVE MILES SOUTH OF CORVALLIS,
BENTON COUNTY, OREGON

744

Date: 30 September, 1947 14:00 to 15:45.
Weather: Wind 8 mph, high clouds, temp. 65° F.

California Heron: One flew over the south end of the swamp.
Mallard: About 50 individuals present at the north end of the swamp.
Green-winged Teal: A flock of about 25 which allowed me to get very close to them were present at the north side of the swamp. No positive identification of blue-winged teals were made although I saw what was likely a female blue-winged or Cinnamon teal. The flock of blue-winged teal previously noted at the south end of the swamp was either not present or managed to stay out of my view.
Sharp-shinned Hawk: One individual was seen making passes at a lone barn swallow about 25 feet off the ground.
Western Red-tail: One over the swamp.
Marsh Hawk: At least two individuals were present.
Ring-necked Pheasant: Individuals were flushed often on.
American Coot: 17 were present at the usual location near the west bridge.
Killdeer: Only one individual.
Northwestern Flicker: Individuals here and there.
Barn Swallow: One individual as noted above. There was in addition a small flock of swallows present which was too high to make identification possible.
Seattle Wren: one in an ash thicket.
Tule Wren: two noted.
Northwestern Robin: Several not together.
Western Pipit: A couple of small flocks passed over.
Yellow-throat: Heard only.
Northwestern Red-wing: A flock of about 100 in the ash at the south-east side of the swamp.
Brewer's Blackbird: Scattered individuals passed over.
California Purple Finch: Several passed over.
Northern Pine Siskin: A couple of small flocks passed over.
Willow Goldfinch: A couple of small flocks passed over.
White-crowned Sparrow: A mixed flock of white-crowns and golden-crowns totaling about 15 birds was present in the sweetbriar thicket along the fence south of the shacks.
Golden-crowned Sparrow: see above.
Forbush's Sparrow: A lone sparrow slightly smaller than a rusty song sparrow and displaying the marks of this species (redish-brown crown marks divided by a center line and no yellow supercilliary line as in the savannah sparrow) was flushed from the grass and weeds on the east side of the swamp. Unfortunately it stayed within view for only a few seconds. Previously I have always thought of this species as occuring in flocks here.
Rusty Song Sparrow: Two or three noted.

David B. Marshall

Oct. 3, 1947 – Corvallis 0030, ⅔ moon 120-Ⓦ/
4 Killdeer flying around, & calling.

Oct 4, 1400. 1000 Ⓦ, 59 Lesser Canadas heading SW.
Oct 5 – 0730 – Varied Thrush

745

October 7, 1947, Corvallis-12-mile Swamp, 1355-1515, -0vc/40% lgt-GF-H.

Marsh Hawk, 1F Sparrow Hawk, 2 Flicker - 3
Meadowlarks - 5 Brewer Blackbirds - 76

October 7, 1947, 12-mile Swamp to Corvallis, 1515-1545, 110 0vc/ 20 ∅

Turkey Vulture - one immature perched on a pole.

Redtail Hawk - 1	Sparrow Hawk - 1	Pheasants - 7
Flicker - 2	Crow - 1	Robin - 5
Meadowlark - 2	Meawing - 1	Brewer Blackbirds - 156
Goldfinch sp? - 70		

October 7, 1947, 12-mile Swamp, 1515-1515, 110 0vc/ 20 ∅ 50°F. calm.

Pied-billed Grebe - 2 with coots and Ruddy Duck - one submerged with just [illegible] and top of head showing.
Blue Heron - a couple were flushed, and they croaked as flying over. One was observed to take off with Meawings in pursuit. It climbed almost vertically for over 30 feet from the water.
White-fronted Geese - flushed 8 at north end in with Mallards, Balapates, etc. They circled over the entire swamp, calling, and eventually ended up at a stubble field nearby, where they were perched when we left.
Mallards - flushed flock of 75 at south end, and in the mixed mass at the north end, about 65-70% of the birds, or 350± were Mallards
Gadwall - one was seen, flying alone, when we flushed the other ducks
Balapates - heard them whistling, and later flushed them with the mallards, and pintails, and shovellers. There must have been at least 50 of them in the group, and they were the first seen this year.
Pintails - flushed 15 or so at the south end, and got up 50-75 with the other ducks at the north end. Some males in full white breasted plumage, while others were strongly tinged with a rosy-tan breast.
Green-winged Teal - about 50 were seen altogether, but they were near the middle of the swamp, so it was difficult to determine exactly.
Shovellers - a few were seen, all in female or immature plumage. Not over 15.
Ruddy Duck - a single female or immature in with 15 or so coots and 2 Pied billed Grebes, quite tame.
Marsh Hawk - female flew over.
Sparrow Hawk - 2 or 3 seen, and all were giving "annoyed" high-pitched call notes.
Pheasants - flushed at least 30 or 40 adults and immatures from the fence rows and fields adjacent to the swamp. I have never seen so many around here.
Coots - 2 bunches seen. one of 14, and one of 30 birds. All busily stretching, preening, and diping for food. One had close association with Grebe.
Killdeers - several singles and small flocks flying over, calling.
Wilson Snipe - flushed 3 singles today.
Flicker - at least 10 were seen in the ash areas
Horned Lark - one heard singing.
Barn Swallows - 2 seen
[illegible] - several over, [illegible] from [illegible].
Ravens - heard, but not seen.
Oregon Chickadees - quite a few in with purple finches, etc., working ash.
Seattle Wren - working a scrub ash tree, using the methods of a nuthatch or chickadee
Tule Wren - quite a few heard scolding, others singing, and one gave a series of notes that neither Dave or I had heard before - I expected to see a shorebird, from the sounds of it.
Robins - about 54 seen.
Pipits - flying over and calling
[illegible] -
Meawings - several 100
Purple finches - small groups working ash brush - sex segregation seemed evident.
Willow Goldfinches - small flocks
Savannah Sparrows common, one flock of 25± seen.
Golden-crowned Sparrows - 5 or more in fence row.
Sparrow Sp. Light breast, dark center spot, sides of head light gray, 2 dark brown stripes on crown. Feeding on ground, and 10' up in ash.

.. Bluebirds - 8 or 10 in fence row.
Audubon Warbler - a couple seen [illegible].
[illegible] - [illegible].
Brewer Blackbirds - up to 50 seen
Oregon Towhees - 15-20 in fence rows, calling
Juncos in pairs here & there.
White-crowns in small flock.

October 14, 1947 Corvallis-12-mile Swamp, 1245-1505, 40 Ovc 15 # W-,

Redtail Hawk - 1 Sparrow Hawk - 3 Flicker - 2
Brewer Blackbird - 135 Goldfinch sp? - 14

October 14, 1947 12-mile Swamp to Corvallis, 1540-1600

Redtail Hawk - 1 Meadowlark - 1 Brewer Blackbirds - 555 (270 in one bunch)
Song Sparrow - 2

Oct. 14, 1947, Oak-fir belt 5-miles west of 12-mile Swamp, 1320-1415.

Mountain Quail - 4
Flicker - 20± in one flock
Stellar Jay - 6-8 in "
Few Crows calling
Raven - one heard
Oregon Chickadee - a few
Winter Wren - 3 or 4 seen
Robin
W. Bluebirds in small flocks
Golden-crowned Kinglets - a few
Ruby-crowned Kinglets - 3 or 4 seen and heard
Cedar Waxwings - small flock
Meadowlark singing
Purple Finch
Oregon Towhees in brush
Juncos in flocks of 30 to 100 in fence rows by road.

Oct. 14, 1947, 12-mile Swamp, 40 Ovc 15 # W- 1415-1540

Pied-billed Grebe - 2 rather small looking ones seen, close to ruddies, and shovellers
Blue Heron - feeding in shallows with mallards and shovellers, etc.
Cackling Geese - one with ruddies and shovellers, and 8 flew over later.
Mallards - 130 & and 400-450 seen, many full males.
Pintails - just 2 seen
Pintails - 8 & 10 & 100± Not too many males
Green-winged Teal - about 150± in flock at north end. - strange new guttural call notes.
Shovellers - no full adult males seen, all in F plumage, 10 & 100-125 seen.
Wood Ducks - 2 males on waters of the main creek
Ruddy Ducks - 3 females or immatures on bridge pond.
Redtail Hawk - immature perched in small ash tree over the water.
Marsh Hawk - female coursing back and forth, immature plumage.
Pheasant - quite a few flushed from fields and fence row
Coots - common, 7 & 75±, scattered before the marsh hawk.
Wilson Snipe - 4, 1, 1, and saw 2 calling and flying at about 400 over the swamp.
Killdeer - heard one
Flicker - a few feeding on the ground, and perched in the ash trees, etc.
Horned Lark - heard one singing on the ground
Oregon Chickadee - a few calling and working the fence rows, etc.
Bewick Wren - scolding
Pacific Wren - scolding and singing, all within 10 feet of me, while watching the ducks.
Robin - a few in the ash areas
W. Bluebirds - small numbers of them here and there.
Pipits - flying around in small groups, and calling.
Audubon Warbler - just one seen, on the ground in a pasture area, flew ahead and then would light on the ground again.
Meadowlark singing.
Redwings - 100± in the area. about equal M & F.
Brewer Blacks - here and there, and small flocks flying over.
Purple Finches singing and in fence rows
Pine Goldfinch - small numbers present - no full plumages seen.
Oregon Towhee - several in the brush
Savannah Sparrows in the weed patches, etc.
Juncos here and there.
Golden-crowned Sparrows in fence row
Song Sparrows here and there.

October 13, 1947, Dixon Creek Ridge 1245-1415, 10 Ovc, F.- 62°F

Sharp-shinned Hawk perched in top of willow snag along the creek - female
Band-tailed Pigeons - 4 flew from tops of D. Fir as I approached.
Flicker - a good many along the river course, and on ground in pasture area.
Stellar Jay - several at edge of D.Fir-Oak and creek bottom woods., scolding and getting acorns from oaks.
Oregon Chickadees - a few along the creek.
W. Crow - a flock of 25-30 on the ground in a nearby field.
Chestnut-backed Chickadees - quite a few in with a large flock of Ruby-crowns and Bush-tits.
Winter Wrens - 2 seen together
Bewick's Wren - just one seen in midst of the chickadee-kinglet-bush-tit flock.
Red-breasted Nuthatch - several in with chickadees, kinglets, and bush-tits.
Bush Tits - about 40 in one flock, and also 15-20 in a flock ¼-mile away.
Robins - a few heard calling
Golden-crowned Kinglets - several with ruby crowns, and with beautiful crests.
Ruby-crowned Kinglets - a flock of 15-20 in with bushtits and chickadees, etc.
Oregon Towhee - several seen.
Oregon Juncos - a small flock along the creek.
Lark Sparrow in cleared forest brush, scolding me.
Song Sparrow - just one heard and seen.

Oct. 16th, 1947, N. Cemetery Hill, 1415-1445, 10 Ovc, F.- Scotchbroom-oak

Sharp-shinned Hawk perched on light pole
Flickers - dozens feeding on the ground, and flew into oaks as I flushed them.
Long-tailed Jay - several scolding, and others observed securing acorns, and flying to their special tree with them.
Varied Thrush - heard and saw one pair in a scrub oak area.
W. Bluebirds flying over, and perched here and there, calling.
Pipits - a flock of 14 flew over.
Willow Goldfinches - 6 or 7 seen along the road.
Oregon Towhee - a few "mewing" from the scotch broom.
Golden-crown Sparrows - at least 6 diff. birds giving their plaintive notes, and observed several perched atop small bushes.
Fox Sparrows in the thickets, one scolded me boldly.
Song Sparrow - a few heard, and one seen.

Oct 20, 1947 - Willamette R. gravel Pits - 2 p.m. - RW - 80

Spotted Sandpipers - pair flying back + forth upstream + down calling, + flying as if courting.

October 21, 1947, Corvallis to 12-mile Swamp, 1510-1550, 20 Ø cool and calm.

Redtail Hawk - 1 Sparrow Hawk - 1 Killdeer - 108 (75 in onegroup).
Brewer Blackbirds - 36

And return 1545-1605 20 Ø cool and calm.

Redtail Hawk - 1 Sparrow Hawk - 1 on post with Brewer's perched less than
Pheasants - 18 10 feet away.
Killdeer - 209 (100,30,25, etc) English Sparrows - 4
Flicker - 1
Meadowlarks - 3 Redwings - 25 in poplar tree Brewer Blackbirds - 125.
(noticeably paired, as before).

October 21, 1947, 12-mile Swamp - 1530-1445, 20 Ø cool and clear

Pied-billed Grebe - one in shallow, high water area.
Lesser Canada Geese - 11 came in from the north while we were at the shack. Flew on south.
Shovellers - flushed 2 females or immatures.
Wood Ducks - 3 seen on overflow area near Muddy creek.
Ruddy Duck - one nearly full-plumaged male seen at north end.
Merganser - we saw one for an instant, but dionot get to identify it. It was too large to be a Hooded Merganser, I know.
Osprey - I spotted one circling in a "thermal" at the north end of the swamp, and while we watched it climbed at least another 500' before deciding to level off, with slightly curved-back set wings, and head south, dropping slightly as it went, thus increasing its speed a great deal. It was soon lost too view, because of the distance and the altitude. Perhaps it found another thermal farther south, and climbed on it, leveling off, and heading south on a long glide again. This method is described in Lickey and vanRossem's Birds of El Salvador for the Swainson's hawk.
Coot - these were about the only waterfowl seen in numbers - at least 250-300 present.
Killdeer - a few heard calling.
Flicker - a few on ground and in ash trees.
Am. Crows - a few calling
Oregon Chickadees - in the scrub ash areas
Seattle Wren - scolding from fence row
Pale Wren - several seen, and a few heard toody
Western Bluebirds - flying over, calling, and in fence row areas.
Shrike - we watched one fly from a taller ash near the swamp to a fence row several 100 yards away, and saw it make frequent sallies toward the ground after insects. It did not come towards us when we "squeeked" it, altho we did get responses out of nearby Seattle Wrens and Song Sparrows. Later it flew back where we had first seen it, and I heard it give its rather high-pitched cry or scolding (??) notes. As we left the swamp area, we saw one near the railroad tracks, possibly this same individual - who knows??
Audubon Warbler - a few in the area.
Red Redwings - 40 or 50 birds in the area.
Oregon Juncos in the fence rows
Golden-crowned Sparrows - a few in the fence rows.
Song Sparrows here and there.
Oregon Towhee - a few in fence rows

Note; since last week, rains raised the water level at least 15", resulting in the drowning of most of the grass + rush cover, leaving open water over most of the area. Very, very few waterfowl were present. An increase in Coots was noted; probably they were there all the time, but hidden by the vegetation previously

October 21, 1947, Oak-fir ridge 3 miles E of 12-mile Swamp, 1455-1535.

Mountain Quail - flushed 6 or so near the point they have been seen other times.
Flickers - in large numbers along the fence rows on the road going up the hill.
Juncos - a few heard in a flock (No Steller's this time).
Varied Thrush heard
Am. Bluebirds - in old orchard area, and along fence rows
Golden-crowned Kinglets - heard
Ruby-crowned kinglet - one heard in same clump of bushes as last week.
Am. Meadowlarks - heard
Oregon Juncos in fence rows

Oct. 22, 1947 — Mill Pond at Bally

Ick from view a Greenback

Oct 23, 1947 — Corvallis, 7:30 pm. Clear & cool

Sparrow (Savannah ??) migrating due south overland. Flew a bit off-native
typical of those I know for the Savannah sp.

October 28, 1947, Corvallis - 12-mile Swamp, 1515-1535 Ovc/20Ø [illegible] SW 3-6

Sparrow Hawk - 1
Bluebird - 8
Killdeer - 29
Pipits - 1 (150+)
Flicker - 1
Brewer Blackbird - 1

same, return, 1535-1545:

Sparrow Hawk - 1
Flicker - 2
Meadowlark - 3
W. Bluebirds - 10
Killdeer - 1
Brewer Blackbirds - 6

October 28, 1947, 12-mile Swamp, Benton Co. 1535-1555 Ovc/20Ø [illegible] SW 4-7

Cackling Geese - one flock of 60 in nearby field
Mallards - about 100 altogether
Pintails - about 40 or 50 in the area
Green-winged Teal - about 25-35 seen
Baldpates - not over a dozen seen. No full males.
Wood Ducks - one flock of 10 flew over
Ruddy Duck - saw at least 3 immatures or females near the center area.
Vulture - one circled low over us. An immature bird with blackish head. Very late.
Marsh Hawk - one female flew in over the swamp from the adjoining fields.
Pheasants - a few feeding in grain fields.
Coots - at least 400, if not many more, scattered over the swamp area today. All busily feeding. They kicked vigorously in order to submerge to feed.
Wilson Snipe - flushed several in shallow water in pasture areas here and there.
Yellowlegs - just one individual feeding in shallow water over pasture near the road. It called when flushed, but never flew far, before alighting and feeding again.
Crow - one flew over
Shortbilled Nuthatch - have heard one calling
Marsh Wren - several seen, and others heard scolding and singing in brush areas.
Pipits - a few flew over
L. L. Shrike - one flushed from fence row where it had been feeding out into fields, and it flew into ahh trees near the swamp. Not far from where flushed last time.
Audubon Warbler - just one in ash area
Meadowlark - singing
Brewer Blackbirds - just one
Redwings - none seen or heard.
Purple Finch - several seen in flock, feeding on ash samaras. One full male, & beauts!
House Finch - have heard them flying over
Yellow Goldfinch - in mixed flock with Pine Siskins
Pine Siskins in mixed flock with Goldfinches - a few
Spotted Towhees - common along the fence rows and flushing up into the lower trees.
Juncos - in the fence rows and morning thru the ash.
Golden-crowned Sparrows - small flock in fence row and ash grove
White-throated Sparrows here and there in the brush, none singing.

November 3, 1947 — OSC Campus — Several flocks of Pine Siskins this a.m.

ovember 4, 1947, Corvallis - 12-mile Swamp, 1310-1330 Ovc/15 Brkn, R[illegible].

[illegible] - 1 | Pheasant - 1 | Killdeer - 15
[illegible] - 2 | T. Crow - 4 | Pipits - 1
[illegible] - 1 | Brewer Blackbird - 1 | [illegible] - 1

and return 1455-1515 7 Ovc RW [illegible] 6-10, [illegible]

Killdeer - 75 Flicker - 2

November 4, 1947, 12-mile Swamp, 1330-1455 10 Ovc R[illegible] 4-7

Pied-billed Grebe
Pintails - 2 M
Green-wing Teal - 5
Shovellers - 5 - now full plumage males
Cooper's Hawk - perched on pole
Pheasant - 9 in one bunch - 2 mature
Coots - 100's present everywhere. At least 400 or more over entire area.
Killdeer - flew over
Wilson Snipe - flushed 3 at NW side in [illegible] grassland
Flicker - a couple
Horned Lark - flying and singing
Tule Wren - heard several and saw at least 10 altogether. Must be even more present.
Robin - a few feeding on the ground in pasture area.
Pipits - a few
L. G. Shrike - saw the one bird along a fence row on the SE side of swamp again.
W. Meadowlark singing
Purple Finch singing
Oregon Towhees in fence rows
Oregon Juncos in fence rows
Song Sparrows - quite a few, some in grass areas that have been flooded.

[illegible], 1315-1335 Brkn/25% [illegible]
Shoveller - 8 Sharp-shinned Hawk - [illegible] Redtail Hawk - 2 Marsh Hawk - 1
Killdeer - 48 Flicker - 4 Ravens - 2 Crow - 18
W. Bluebird - 1 Meadowlark - 1 Brewer Blackbird - 4

and return - 1530-1540 Brkn/ 20% [illegible]
Redtail Hawk - 1 Sparrow Hawk - 3 Pheasants - 11 (2F) Killdeer - 12
Flicker - 1 Audubon Warbler - 1 Goldfinch sp. - 6

November 11, 1947, 12-mile Swamp, 1335-1515, Brkn/20% [illegible]

Pied-billed Grebe
Blue Heron - 1
Lesser Canada Geese - 16 altogether.
Mallards - about 500 altogether
Widgeons - 25 or 30 seen
Pintail - 10 or 15 seen. Few full males
Shovellers - 15 or 20 in the area.
Red-tail hawk - 1 hovering over field, against a fairly strong wind.
Sharp-shinned Hawk -
Sparrow Hawk
Coots - at least 350 or more present everywhere.
Wilson Snipe - 5 or 6 flushed, 2 pairs.
Flicker - 1
Horned Lark Ravens - 3 flew over Oregon Chickadee Tule Wren
W. Bluebirds - 15 seen Pipits flying over high L.G. Shrike - near cabin.
W. Meadowlark singing
Redwing blackbirds - a few present, and calling.
Purple Finch - 3 in top of ash tree
[illegible] - pair
Oregon Towhee
Song Sparrows common and singing.

...ov. 1[illegible], 1947, Oak-hill S of Philomath - 1550-1420 15 Inch, [illegible] 55-60°

...ailey Quail in weed-grown area.
...lickers co[illegible] on the ground in pastures.
...ooper's Jay - one in bru[illegible].
...gon Chickadees common
...ender-billed Nuthatches calling -
...inter Wren - in brush pile in fir forest area - quite dense
...attle Wren - in fence row at edge of oak hillside.
Varied Thrush - a great many in brush piles, on the ground and in the oak trees.
...estern Bluebirds - small flock in oaks, and flying over, calling.
...uby-crowned Kinglets - a few scolding
...olden-crowned Kinglets working oak, and young fir mixture.
...ilson Vireo - heard one giving its "buzzing" notes several times in the rain
...ermon Warbler - a few in the area.
...gon Towhees in brush and fence rows
...ng Sparrows here and there.

Nov. 18, 1947, Philomath to hills south, and then east to S-E south of Airport and onto Niger Island - 1480-1580. Mostly farmlands.

...allards - on ponds and along ditches in flooded flat areas S of airport.
...edtail Hawks - quite a few seen circling over the countryside. One being chased by a flock of brewer Blackbirds
...arsh Hawk - saw one full male flying up a swale in the foothill area, and later saw a female over a field near the Pac. Hiway.
...arrow Hawks - very common, perched on wire lines along the way in singles, or pairs, or hovering over nearby fields.
...alley Quail - in small coveys near fence rows.
...easants - here and there.
...illdeer - none seen except in one green flooded field S of the airport - about 150 here.
...lickers - common on the ground in pastures and in oak areas.
...airy-Woodpecker - one flew from one oak grove into another one.
...teller-tailed Jays - in the brushy areas along the road, and in oak groves, too.
...rows - several flocks of 8-25 birds scattered over the area, feeding on the ground, or flying.
...gon Chickadees in the fence rows.
...ender-billed Nuthatches calling from the oak groves.
...attle Wrens in the fence rows along the road
...estern Bluebird -small flock flying over oak area.
...ld-crowned Kinglet - a few scolding from the fence rows.
...ermon Warblers - flocks here and there in fence rows and groves.
...estern Meadowlark - one perched on a wire line. None singing.
...rewer Blackbirds flocking in various trees, and others closing a Feeding farm
...ine Siskin - flock in willow and alder trees beside the Willamette R. at gravel pits.
...illow Goldfinch - small flock in open field area, near fence row
...ermon Towhee - in fence rows
...gon Juncos very common along fence rows and in brush areas.
...ng Sparrows in fence rows.
...ld Eagle - one at the Willamette R. Gravel Pits - major feature
...awk - one flying over open field area.

ov. 15, 1947, Corvallis- 18-mile Swamp, 1310-1510, Clear, 65-66°F.

[illegible] Hawk - 1 (nest site in cottonwood) Rough-leg - 3
[illegible] Hawk - 2 Sparrow Hawk - 3 Killdeer - 40
[illegible] - 2 Oregon Chickadee - 1 Pipits - 3
[illegible] Shrike - on one wire line English Sparrow - 1
[illegible] Blackbirds - 62

[illegible] Return, 1610-1652 (at 65 m.p.h) - getting dark: 30 Ovc.

Rough-leg Hawk - 1, perched on fence Killdeer - 2 Brewer Blackbirds - 1

Nov. 25, 1947, Oak-fir hills 3 miles W of 18-mile Swamp: 1010-1510.

Sharp-shinned Hawk - 1 flew into the firs atop a ridge near us, and prey in talons.
Ruffed Grouse - flushed a couple of them.
Mtn. Quail - no coveys seen, but found the remains of 1 apparently hawk-killed.
Mourning Doves - 20 in the fence rows, and in oaks below the hill.
Flicker - a few
Steller Jays - several along the lane uphill, and others in the oak woods.
Raven - 1 flew over the ridge top.
Western Crow - heard them
Oregon Chickadee - a few at foot of hill in brush
Chestnut-backed Chickadee - many working the oak and fir in the ridge area.
Red-breasted Nuthatch - heard them.
Winter Wren - scolding
Seattle Wren - scolding
Varied Thrush - several in the mixed, or oak areas.
Western Bluebirds - flying over, or perched near clearings to catch insects.
Golden-crowned Kinglets - flocks working thru the fir groves.
Ruby-crowned Kinglets - scattered individuals quite common in fir and oak.
Pipits flew over
[illegible] Shrike - one flew from fence row perch along the road up, in that pasture area.
Purple Finch - calling from the firs and oaks
Oregon Juncos common
White-crowned Sparrows in fence rows
Song Sparrows

Nov. 25, 1947, 18-mile Swamp, Bruce Station, 1515-1615, 100% / 65°F

Pied-billed Grebe - just one immature seen
Blue Heron - 1
Lesser Canada Geese - swimming in "lake" at south end of swamp - 45-50 of them.
Mallards - 400-450 in the area.
Pintails - at least 75 were present - most being males
Green-winged Teal - 75-100 in one flock is all that were seen.
Shovellers - 250-275 males and females or immatures.
Ruddy Ducks - 2 immatures or females seen (winter plumage? ?)
Marsh Hawks - 2 females or immatures seen
Pheasants - calling from adjacent fields.
Coots - 500-600 in the area - all splashing as they dive for plants, and after they come up to shake the plants about.
Wilson Snipe - just one flushed near shack
Flicker
Raven - croaking
Crows flew over
Tule Wren - scolding from brush in and around the marsh.
Robin - just one in ash grove
Pipits flying over
[illegible] Shrike - one perched atop its "pet" tree in same place as before. 3 seen today.
[illegible] Meadowlarks - singing.
[illegible]s - came in to the swamp in small flocks about 330 p.m. and perched in spire.
[illegible] Blackbirds - 2 or 3 flocks of 150-200 birds flying around, as if going to roost
[illegible] Juncos here and there Golden-crowned Sparrows in fence rows. St.
[illegible] Finches on.

...v... 27, 1947, Pudding River, Coburn, 0670-1160, ...5°F. Clear and calm.

...	Red-breasted Nuthatch	Ruby-crowned Kinglet
...	Bush Tits	Golden-crowned Kinglet
... Sapsucker	...ker ...en	Evening Grosbeak - ...
...	Seattle Wren	Purple Finch
...	Varied Thrush	Oregon Towhee
... ckadees	Western Bluebird	Oregon Junco

...v... 8, 1947, Timberline Lodge, Mt. Hood - 11...-1645, ...°F - ... 68-80°
... ' to 0500'.
... Jays - many present in the pines, and firs, and around the lodge. Usually in small flocks, and very tame.
... - 2 of them flew over about 1:30.
... Nutcrackers- very common and surprisingly tame, alighting along the paved autos to pick up scraps of food, even while the people are present. Not in flocks.
...ntain Chickadees scattered in singles or small groups here and there in clumps of trees

...v. ..., 1947, Summit Meadows, Government Camp, 0800, ...°F. 3600'.

... Jay
... ar Jay
... ...ut-backed ...ickadees - a few in the hemlock woods.

...ov. 23, 1947, Timberline Lodge,1060-1700, 21-28°F, calm (... at 7 in late ...).
... Jays common
... vens - 3 seen
... rke Nutcrackers common
... ntain Chickadees
... -breasted Nuthatch - 1 flew over at about 68 0' here only scattered, stunted trees
... Grosbeaks - 8 diff. flocks of birds seen. ... one was verified as ... being this species; about 15 birds in a flock.

...., 1947, Gravel pits - Willamette River - ...15-158 - ... ove, ... calm.

... ..., ..., ... - ...-valley ... Snowbirds ...
... rs calling | Ruby crowned kinglets in leafless trees and ...
... Chickadees in brush | Golden-crowned Kinglets in fir
... ...er-billed Nuthatch | Oregon Juncos
... Thrush calling | Song Sparrows.

...ember 5, 1947, Brook Lane and ... Cemetery Hill.

...ker - Oregon Chickadee - ...lender-billed Nuthatch - Seattle Wren
...g-crowned Kinglets - Audubon Warbler -- Song Sparrow.

...ber 6, 1947, Philomath to Tidewater on Alsea R., Lincoln Co. 0800-1015
Clouds and fog down over the mtns., fog in valleys, occas. mist, cool.

...c. 2 a single flew up from the upper Alsea R., and its flight paralleled the car for some distance, as it passed us. We were traveling approx. 50 m.p.h.

...ic [illegible] - 4 [illegible] in the tree.

Gull ? - Western or Herring - way up the river, on the bank

Pygmy Owl - Dave Marshall spotted one perched at 18' in a tree in an old orchard. The bird wasn't over 30' to 40' from the highway. It was raining while we watched it. When we squeaked, it would turn its head from side to side, and the pattern on the back of the head, hooked somewhat like its face.

Kingfishers - several were seen.

Steller Jay - one seen and heard

...rows common in fields and pastures, in small flocks

...ewer Blackbirds - here and there, particularly with cows, and crows.

J...cos seen

...Sparrow

December, 6, 1947, Alsea River from Tidewater to Waldport (Eckman Slough) 0915-0945.
5 Ovc . Occsl drizzle, cold, and calm.

...lboell's Grebe - one in Eckman slough near the highway. Size much greater than horned.

...ed Grebes - several seen, black and white demarkation on neck quite distinct.

...stern Grebes in winter plumage

...alion Cormorant - a few seen on piling, and flying

...e Herons - 2 in creek

...pates - several in with Canvasbacks and Scaups

...vasbacks - males and immatures and females (?) seen in sloughs off the river.

...en-winged Teal - a few with the Cans and Scaups in sloughs off the river

...sser Scaups - small groups and pairs here and there off the river

...fleheads - immatures, females and full males seen.

...ve-winged Scoter - 1 male, and also a female on Eckman slough

...ri Scoter - the more common of the two species seen.

...ed-breasted Merganser - just one, quite far out.

...arrow Hawk - calling sharply as it flew from a tall, isolated spruce

...dfed Grouse - 3/4 grown young at very edge of highway - it just sat there !

...ots - rafts of them, and also small groups

...aucous-winged Gull - full adult flew in low and close to us

...stern Gull - several seen

...ring Gull - a few of what we take to be this species.

...rned Owl - flushed from tall, old spruce at edge of highway, and large slough.

KINGFISHER - WATCHED ONE DIVE IN ECKMAN SLOUGH FROM 15' AT 45° ANGLE - GOT 3" FISH. COMPLETELY SUBMERGED.

...icker - calling

Steller Jay calling

...lden-crowned Kinglets ca...ing from spruce

...by-crowned Kinglets in bush, and scolding.

...tka Crossbills - flock of 15 flew over, calling.

...Sparrow

...ter Wren

Dec. 6, 1947, Waldport Bay N and E sides, 0945-1010, 7 Ovc , calm, cool.

...sser Loon — Horned Grebe - we got within 35 feet of it at edge of bay

...n Heron — American Goldeneye - (Bob Storm)

...ow Golden-eye (Bob Storm) — Surf Scoter

...stern Gull s — Crows on piling by the bridge

...estnut-backed Chickadees in woods on north side — Red-breasted Nuthatch calling

...den-crowned Kinglets calling and working in spruce

...-crowned Kinglets scolding in the brush

...ewer Blackbirds on wire lines at edge of town

...tka Crossbills - singing from tree tops.

Last at time by 1 Month

[illegible] Seal Rocks, Lincoln Co. 1130-1150, 12 ovc, cool, calm.

[illegible] Cormorants

Brandt's Cormorants - Phil Dumas

Pelagic Cormorants - Phil Dumas

Surf Birds - a flock of 40-50 of them feeding on wave-washed rocks with Black Turnstones, and a few Aleutian Sandpipers

Black Turnstones - about 20-25 in with Surf Birds and Aleutian Sandpipers - flushed together

Aleutian Sandpipers - saw at least 2 of them in with the flock of Surf Birds and Black Turnstones on the wave-washed rocks, feeding. Markings distinct enough to identify it readily when checked with Peterson's photos. Observed at 25' w/glasses

Western ? Gull - immature was feeding on a dead Cormorant which it had dragged from the high tide line, to the low tide area, a distance of over 115 feet

Rock Pipit - 1 seen in [illegible] by Phil Dumas

[illegible] Heron

Turnstones flushed 1st. as we got within 25 of them

776

Nov. 9, 1947, Beaver Creek Marsh, Lincoln Co. 1130-1330 12 ovc, cool, calm.

Pied-billed Grebe - 2 diff. ones observed

Blue Heron in wet field by the creek

Mallards - in flooded field about 75 present

Green-winged Teal - saw 3 different flocks, one of over 5 birds

American Mergansers - a couple on the creek

Coots - here and there

Steller Jay heard

[illegible] in field with the Mallards and teal, and when flushed, they lit in crotches.

Winter Wren came within 3 feet of 5 of us along the road

[illegible]

Tree Toes - [illegible]

Golden-crowned Kinglets in coniferous forest

Ruby-crowned Kinglets - here and there in brush and woods

Pine Grosbeaks - 2 flocks flying around, calling loudly

Song Sparrows in grass and juncus

777

Nov. 6th - Ocean Bayside - 1240. (Lincoln Co).

Curlews - we spotted them in 2 large flocks, from the Highway, and when we got close enough to see them, they were this species, but flew early.

[illegible]pers - 2 other species, unidentified were in with them.

Gulls - 2 flushed perched on snag, near the Highway.

776a

[illegible], 47, Yaquina Bay from Newport to Yaquina (OSC Fish Lab), 1255-1600,
5 Ovc, calm, cool, occnl drizzle.

778

[illegible] a-throated Loons - 8 swimming just off the fish docks at Newport
[illegible] - several seen here and there around the bay
[illegible] Grebes - seen around Yaquina
[illegible] Cormorants on the pilings around the docks
[illegible]. Cormorant - a single diving in the channel opposite the north end of Yaquina.
[illegible] herons here and there. One taking off, as being chased by a Gull.
[illegible] Brant - a flock of 11 birds on a sand bar in mid-bay. Another small flock flying.
[illegible]s - a few seen
[illegible]. - quite a few in with Pintails on S" side.
[illegible] - P & P seen - quite a few
[illegible]ing Teal - a few in with Pintails and baldpates.
[illegible]ers - about 1 seen - no real bright males can be seen.
[illegible] Scaups - here and there - could be Greater??
[illegible]s - immatures and females on S" side. 2 adult males diving on N side.
[illegible] Goldeneyes - a few seen diving, among coots, and taken off on lower rung.
[illegible] Scoters - quite a few seen.
[illegible]-ringed Scoters - not very many seen. One found dead.
[illegible]-breasted Merganser - a few seen
[illegible]ail Hawk - very immature one seen above N side of bay, in air area.
[illegible] - common here and there in small and large groups
[illegible]ers - heard then
[illegible]-winged Gulls - quite a few in with immature
[illegible]n Gulls and
[illegible] Gulls around the fish cannery docks
[illegible] Chickadees - heard not seen
[illegible]-backed Nuthatches - quite common in small trees
[illegible] Wrens scolding here and there
[illegible] Wrens in small swamps among the same trees on S side of bay
[illegible] - one flock of 12 flew over
[illegible] Thrush - in clump of brush under isolated spruce trees in open area.
[illegible] - robins mingled in brush and spruce trees
[illegible]-crowned Kinglets in spruce trees
[illegible]h Warblers - small flock in brush, some flycatching
[illegible] Rosybills - several flocks flew over the cannery. One flock feeding in bay on
[illegible] Towhees in brush
Juncos - in spruce, dk on rump color, some very dk.
[illegible] Sparrows
[illegible] Finches - several seen.

[illegible]. 6, 1967 - Yaquina Area 1500-1600, light drizzle.
[illegible] Pelicans and Black Turnstones by Phil Howes

[illegible]. 7, [illegible], Corvallis - 12-mile Swamp, 0855-0915, S. Brkn, 7 ø Cold

[illegible] ssp? - 35
Sparrow [illegible] - 1
[illegible]aeer - 104
[illegible]ckers - 9
[illegible] - 2
[illegible] - 1
Robins - ± 4
Bluebirds - ± 6
Audubon [illegible]arbler - 1
Meadowlark - 1
Brewer Blackbirds - 15
Goldfinch sp. - 9
Junco - 40
Song Sparrow - 2

777

And return, 1510-1530, 7 Ovc. K- , quite dark and dreary.

[illegible] Hawk, near Avery Park
[illegible]-tail Hawk - perched in fence row
[illegible]rrow Hawk - 2 on wire lines
Audubon [illegible]arbler - 1
Meadowlarks, 17 in one flock
Brewer Blackbirds - 2

[illegible]c. 7, 1947, 12-mile Swamp, 0915-0930, 80 Ovc 15 Brkn. Cold, and calm.

[illegible]
[illegible]
[illegible]lards - about 75 seen
[illegible]upates - 1 male seen
[illegible]ntails - about 30-40 present
[illegible]vellers - at least 2 males were seen, and maybe more
Scaup backs - 2 were present on open water just north of the bridge.
[illegible]rfleheads - 2 seen in open water just south of the bridge, with white head spot.
Ruddy Ducks - 2 of these seen with the Buffleheads, too.
[illegible]nts - 7 flushed from nearby field
[illegible]oots - 100-200 seen.
[illegible]regon Chickadees
[illegible]ttle Wrens - in fence row.
[illegible]e Wren - heard several
[illegible]jits - calling as they flew over.
[illegible]owlarks - 5 seen
[illegible]r Blackbirds - several seen.
[illegible]
[illegible]den-crowned Sparrows
[illegible]g Sparrows

780

[illegible]ec. 7, 1947, 12-mile Swamp to Cheshire, Lane Co. 0940-1010, 20 Ovc, K-, cool.

Blue Heron in Long Tom River
[illegible]-tail Hawk, imm. with very white belly
[illegible]arrow Hawk perched in fence row
Wilson Snipe - 4 flew over hiway
[illegible]ickers
[illegible]-tailed Jays in brush area
[illegible]n - 2 seen
[illegible]
[illegible]. Bluebirds in tree tops - many
Audubon [illegible]arbler
Italian Sparrows
[illegible]owlarks
Brewer Blackbirds
Goldfinch sp. - 5
Oregon Towhees
Juncos
White-crowned Sparrows
Song Sparrows.

781

[illegible]c. 7, 1947, Fern Ridge, N. of Fern Ridge Dam, 1005-1030, 20 Ovc, K-, cool.

[illegible]kers common, and calling
[illegible]s calling from valley nearby
[illegible]inter Wrens in brush - 2 notes not given as close together as K. C. Kinglet
[illegible]attle Wrens scolding
[illegible]ed Thrushes calling
[illegible]-crowned Kinglets give 2 notes very close together compared to Winter Wren.
[illegible]on Towhees "mewing" in the brush.

782

[illegible] 7, 1947, Fern Ridge Reservoir, Lane Co. 1080-1480, Cold, with fr wind.
[illegible] varied from hi ovc to 30 foot overcast, with lots of rain, and wind. Winter!.

[illegible] Grebe - at least 2 were seen together,
[illegible]ns - individuals everywhere
Lesser Canada Geese - a flock of 150 came over us from the south end.
Cackling Geese - about 40 were in with the Lessers
[illegible]laras - a few were seen.
[illegible]pates - 3 or 4 were seen
Pintails - about 15 seen altogether
Green-winged Teal - Dave and I walked up on a flock of at least 2500 of them, way out on the mud flats, but they flushed well ahead of us ! Most I've ever seen.
[illegible]d Ducks - on a mud bar near the NE dike we found at least 80 sitting there. As far as we could tell, most of them (75% at least) were beautiful males.
[illegible]ey Duck - one on the bay below the dam
[illegible]oded Merganser - we spotted 6 of them on a pond along the south shore hiway.
? American Mergansers? ? - a flock of 11 birds flit on the water just above the dam, but most were in "redhead" stage, and we aren't sure of sp.?
[illegible]-breasted Merganser - one male flew right over us after taking off from a pond below the dam. Crest, and dark head, and dark breast were evident.
Sharp-shinned Hawk - one chased by Pipits and perched in ash tree top.
[illegible]-tail hawk - a couple of immatures were seen. One full adult.
[illegible] Hawk made seen along dead-end road, as it flew low to the south.
[illegible]row Hawk - a couple were seen.
[illegible]ants flushed from camp meadow-pasture area.
[illegible]ts - common everywhere, but not too abundant, as they were in small flocks.
[illegible]laeer - flying rapidly around in small flocks, and calling
[illegible]on Snipe- a few flushed in marshy area at south end.
[illegible]ned-backed ? Sanapiper - a flock of 40-50 flew over us while we were eating lunch. We picked them by their size (compared to the Western we had just seen), along with their peculiar call notes. Peterson's description fitted them well.
[illegible]stern Sanapiper - a flock of at least 125 birds, and other smaller flocks flying [illegible]
[illegible] Kingfisher at south end.
[illegible]s were calling here and there
[illegible] Gulls - a few adults were seen at a distance, and many immatures close up.
[illegible]r Jay calling from ash-oak grove
[illegible]vens - a pair were seen
[illegible] Crows - a bunch of at least 30 seen on the mud flats near the Green-winged Teal
[illegible]rgon Chickadees - a few
[illegible]nter Wren in brush area
[illegible]ttle Wren - also
[illegible]s Wren - in cattails around the swamp.
[illegible]ins - a few
[illegible]en-crowned Kinglets - a few in ash woods
[illegible]by-crowned Kinglets in brush areas here and there
Pipits - a flock of at least 6 birds along the long Tom River, and individuals here and there, too.
[illegible] Western Meadowlarks - a few
[illegible] Finches - in orchard trees and blackberry vines at S end.
[illegible]n Towhees
[illegible]-crowned Sparrow in brush at north end.
[illegible] Sparrows

783

Dec. 14, 1947 - 11 a.m. - 2 p.m. Marys Peak Summit (4097') 28°-32° - SW - 4-10, clouds at ground.

2 - Ravens calling + 1 seen
1 imm. Blue Grouse
Chestnut-back chickadees
G.C. Kinglets

784

...ber 16, 1947, Corvallis to 11-mile Swamp, 1145-1355, 70 Ovc, 55°F, c...

...tail Hawk - 1
...ow - 25
Sparrow Hawk,- 2
Pheasants - 2
Kill Shrike - 1 on wire line

RETURN

...da Geese - 35 flew east to river
...laras - 1 pair
...tail Hawk - 1 immature
...arrow Hawk - 1
...asants - 15
...Quail - 18
Short-eared Owl - one flew across the highway near the airport - some primaries missing.
Audubon Warbler - 5
English Sparrow - 15
Brewer Blackbird - 1 F with part albino wings
Robins - 2

...ecember 16, 1947, 11-mile Swamp, 1345-1445, 70 Ovc, 15 ½ M.- 50-55°F ...

...on Canada Geese - 50-75 present with
...ser Canada Geese - about 500 off south end of swamp in grain fields with
...ing Geese - 25-30 seen, and also
Lesser Snow Goose - 1 full adult in with the Canada species. ! a beaut.
...ards - about 500 present
...bies - a very few
...ts - 350 to 400 males and females present
Canvasbacks - 2 males busy diving in shallow water at south end.
... Ducks - 3 swimming together in deep water near bridges, with the coots.
...tail Hawk flew over
...ed Hawk/male low over the swamp
...row hawk hovering over nearby fields.
...ite ? - heard what we took to be their birds, calling.
...asants - a series of explosions were set off in a logging area in the hills to the west of the swamp, and immediately afterwards, we heard a pheasant crow.
Coot - everywhere - 350-500 present.
...on Snipe - flushed 2 in north end marshy area.
...Fisher - one female feeding off short ash trees at edge of swamp.
...ers - a few calling from ash trees.
...rens - quite a few present, for they were seen and heard everywhere we went.
...pit - a single one flew over
Loggerhead Shrike - we saw one a couple of times, and once watched it fly out over a field, climb straight up to about 25 feet above ground, and hover there for 15-20 seconds before dropping to the ground, and then flying to a low perch in a nearby fencerow.
...le Finches - flock of 6 or 7 flew over
...ing Blackbird - 1 heard
...n Towhee- immature in fence row
...-crowned Sparrows in fence row
...n-crowned Sparrows in fence row and on the ground, feeding.
...Sparrows common, only a few singing, tho.

Dec. 16, 1947 - 6 p.m. Library Quad - O.S.C. Campus
Screech owl flew on elm tree, calling

Dec. 30, 1947 - Corvallis - 8 a.m. - 34°F
Flocks of Evening grosbeaks flying here + there, calling. Up to 30/flock.

...ary 4, 1948 - Corvallis - Philomath, farmlands and oak-pine hills
3/ 15 a.m.-1655 Calm, 4°-50°F.

Sharp-shinned Hawk - 1 seen flying over fields
Sparrow Hawk - immature perched on wire line
Killdeer - a few in flooded fields
Mallards - 4 flying over, southward.
Pigmy Owl - one seen at 1055, perched on top of a 12' wire pole by the highway about 6 miles W of Philomath. Farmlands, and oak woodlots nearby.
Flickers calling and flying here & there.
Western Bluebirds
Gairdner's Yellowthroat in a small willow along a fence row in the flooded area
Western Crow - a single one seen.
Audubon Warblers in oaks and fence rows along the road
Oregon Towhees
Juncos common in small flocks
Song Sparrows
Mourning Doves
Fir ridge running W from Philomath (crossed south of Veal's Cr.)
Flicker calling
Pileated Woodpecker - flying thru burned and logged area. Tall fir present
Winter Wren in brush in edge of woods
Towhee
Song Sparrow

January 6, 1948 - Corvallis - 12-mile Swamp, 1300-1450, 8 Ovc I-, calm, cool.

Killdeer - 8 Marsh Hawks - 4
Audubon Warblers - 10-15 Juncos - 15-65

January 6, 1948, 12-mile Swamp, 1355-1415, 8 Ovc I-, calm, cold. Hi water and the day after a 5-man hunting person.

Mallard Duck - male and female
Pheasants - 4 in the area
VIRGINIA RAIL - DAVE & TOM - 1-7-48 - ONE IN FLOODED AREA 100 FT. EAST OF SWAMP ALONG ROAD.
Coot - 250-300 in the area, many in wet pastures, feeding
Winter Wren - quite a few calling and scolding from the Carex and fence rows.
Pipit - a single flock in and lit in a stubble field
Golden-crowned Sparrow in fence rows
Song Sparrows - several singing in the main.

January 6, 1948, O K-Fir hills W of Greenberry, Sta. 1440-1615, 3 Ovc I- cool and calm.

Flickers calling and flying about
Steller Jay - one in small fir
Oregon Chickadees in flock
Hermit Thrush - one in tall D. Fir in woods, alone
Pipit Thrush in the same tree
Golden-crowned Kinglets and
Ruby-crowned Kinglets in small flock with Chickadees
Purple Finches in flock of 15-20 along travel route.

Jan 11, 1948 - S. Santiam Hiway at upper Bridge - 930 a.m.

4 Mtn Quail +
1 Ruffed Grouse run over on the hiway this a.m.
1 Raven perched in snag on the river 2 mi. above bridge.

January 7, 1948. 9-930 a.m. 12-mile Swamp, Benton Co. DBM.
Canada Goose - nine flew up from nearby field.
Mallard - 1 female constituted the only duck seen.
Virginia Rail - one was flushed from the grass along a fence.
Coot - about 40
Wilson's Snipe - several were flushed from a flooded field.

McFadden's Swamp
Jan. 18, 1948
Weather: clear and cold. Ponds covered with ice, but swamp open except at edges due to the flow of Muddy Cr.

274

Pied-billed Grebe - 2
California Heron - 1
~~Common~~ LESSER Canada Goose - 3,000 in fields on the north, west, and south end of of the swamp.
Common Mallard - more ducks than we have ever before seen on the swamp, mallards second in abundance to Green-winged Teal. 1,500 a conservative count.
~~Baldpate~~
Baldpate - heard a few calling.
American Pintail - 550
Green-winged teal - 3,000. Seem to congregate in the meadow at the south end, which has only a few inches of water on it.
Shoveller - 2
Ruddy Duck - 10. One male showing some reddish breeding plumage.
Cooper's Hawk - flushed one bird from the ground in the midst of a ~~Wild Rose~~ (Rosa ~~Virginiana~~) thicket. Its prey was a hen pheasant with the head and entrails gone. (Picture)
Western Red-tailed Hawk - 1
Marsh Hawk - 1 fem.
Ring-necked Pheasant - 2. One taken by the Cooper's Hawk.
Killdeer - several small flocks.
Wilson's Snipe - 6
Flicker
Horned Lark - singing in fields on east side.
American Raven - 1
Ore. Chickadee
Tule Wren
Robin - 3
Varied Thrush - 3 in ash trees along Muddy Cr.
Western Bluebird - flock of eight in field on east side.
American Pipit - several large flocks .
Northwestern Shrike - 1 by the cabin.
Audubon's Warbler
Western Meadowlark - in large flocks.
Red-wing - a few singing around the bridge.
Purple Finch
Juncos
Song Sparrows

Omitted:
Cackling Goose - picked out a few by their calls and comparative size.
Coot - 75

Observers: - McAllister and Marshall

January 20, 1948 Corvallis-12-mile Swamp, 1305-1325, - Ovc/ calm, 38-40°F

Redtail Hawk - 1
Sparrow Hawk - 4
Killdeer - 10
Flicker - 6
Oregon Chickadee - 2
Robin - 12
Bluebirds - 5
Audubon Warbler - 6
English Sparrows - 2
W. Meadowlark - 2
Brewer Blackbirds - 2
White-crowned Sparrows - 3

715

AND RETURN 1615-1635 weather same.

Sparrow Hawk - 2
Pheasants - 8
Killdeer - 9
Flicker - 2
Robins - 23
Bluebirds - 12
Audubon Warbler - 3
English Sparrows - 8
Willow Goldfinches - 7

January 20, 1948 12-mile Swamp, Bruce Station, 1325-1615, -Ovc/ calm, 38-40°F.
Blue Heron - just 1
Common Canada Geese - about 200-250 with others at S end, flushed to N end.
Lesser Canada Geese - about 3000-3500 flushed from S end.
Cackling Geese - about 400-500 with the other geese. (Dave and Tom say 1500).
Mallards - around 1500 in the area, 3/4 were males
Baldpates - 1
Pintails - 6-700 in the area, ratio - 3:1
Green-winged Teal - at least 2500' in the north end area, in two more or less distinct flocks. They weren't on the open water, but in vegetated areas.
Shovellers - 2 M and 2F /watched "leap & dive" action of 1 of 3 birds/
Wood Ducks - 7 flushed from scrub ash area, flooded
Ruddy Ducks - 16 seen in one group swimming idly, 2 others at S end.
Hooded Merganser - a pair on open water near center bridges. the male was a beaut.
Sharp-shinned Hawk - 1
Redtail Hawk - 1 flew over low, and teal and mallards and coots flushed under it.
Marsh Hawk - 1 female, for which no ducks flushed, except the coots.
Pheasants in field adjacent to swamp
Coots - 200-250 around. Watched 2 different ones run off, one in 45', another in 50'
Killdeer - several calling and flying around, and in nearby fields
Wilson Snipe - flushed 5 separate ones over the entire east side area.
Kingfisher - 1
Flickers - a few
W. Crows calling from west side, in congregation tree observed before.
Oregon Chickadees - a pair in brush around cabin
Seattle Wren - scolding and 2 seen, one within arms reach with Tule Wren, and Song Sp.
Tule Wren - scolding, and at least 6 were seen around the swamp, one within arms reach.
Robins - on the ground, feeding, and a few flying over.
Varied Thrush - in ash area.
W. Bluebirds - quite a few, (20-25), adults and immatures, M & F in area, calling, feeding on the wing, and on the ground, and hovering a few feet above the ground.
Pipits - 15-20 in fields at edge of swamp, others flying over, and calling
Shrike - in full plumage - chased once by a Redwing, and otherwise observed feeding at various points around the cabin area, flying to the ground, and back to perch.
Audubon Warblers - small flock in fence row brush, and a few in ash at swamp edge.
Meadowlarks - a couple heard singing.
Redwings - none seen early, but after 1530 a few began to drift in to the swamp, and by 1615 there were quite a few, mostly males seen.
Brewer Blackbirds - a couple flew over
Purple Finches - 2 in ash clump, both immatures
Willow Goldfinches in brush, and fields near babin area.
Oregon Towhees - M & F in the fence rows here and there. Silent most of the time.
Savannah Sparrows - a couple in field along E side of swamp, silent.
Golden-crowned Sparrows - 7 in one clump of fence row brush, and feeding on the ground.
Song Sparrows here and there.

716

Jan 23, 1948 — Evening grosbeaks + individuals seen every day or nearly so for past week. Ye.
Pied Hermit Thrush has territory in 2 bit Oak west of my cabin.
9:30 p.m. Owl calling.

787

Feb. 1 1948 – Evening grosbeaks still around the campus - calling early in the a.m.

February 3, 1948 Corvallis - 12-mile Swamp, 1305-1325 Ø/ S 7 Cool.

Mallards - 40	Killdeer - 36	Meadowlark - 1
Pintails - 150	Flicker - 4	Eng. Sparrow - 5
Sharp-shinned Hawk - 1	Crow - 1	Brewer Blackbird - 1
Sparrow Hawk - 2	Robin - 16	
Pheasants - 3	Audubon Warblers - 10	

And Return: 1445-1505, Ovc/10Ø W 15-25 Cold , RW-

Mallards - 25	Pheasants - 6	Robin - 4
Pintails - 15	Killdeer - 5	W. Bluebirds - 46
Sharp-shinned Hawk - 1	? ? Gull - 1 in field (Bonaparte's?)	Audubon Warbler - 1
Sparrow Hawks - 4	Flicker - 4 (2 feeding on poison oak berries)	Brewer Blackbirds - 100

February 3, 1948 , 12-mile Swamp, Bruce Station - 1325-1445, Ø/ to Ove/ Cold W 10-20
Much of water iced over

Blue Heron - 1 flying over field
Canada Geese -mixed subspecies - not over 700 in the area.
Mallards - plenty- probably 3-400 seen
Pintails - seemed to be more common than Mallards - 450-600.
Shovellers - a few, some were full-plumaged males. Others young or females???
Baldpates - a full-plumaged pair seen.
Green-winged Teal - perhaps 400 in the area, tho we didn't see them all today.
Ruddy Duck - at least 5 were seen. None in full plumage
Cooper Hawk
Redtails - a pair circling over, and chasing each other.
Marsh Hawk - just one female seen in among teal that it flushed.
Killdeer - several flew over, calling
Wilson Snipe - must have flushed at least a dozen along the east side.
Flicker
Tule Wren - a few scolding
Robin
Bluebirds common, none in full plumage yet.
Pipits - a few flew over calling
NW Shrike - Bluebirds flushed from feeding when it flew in.
Audubon Warblers - a few scatte ed around here and there.
Song Sparrows - heard them, and some were waling around on the ice.

Feb. 7, 1947 – snow 410 N 16 - Corvallis – 35 Evening grosbeaks on lawn under maple
Juncos, Purple Finch, Robins & Song Sp.

February 8, 1948, Bruce Sta., Benton Co. to Cheshire, Lane Co. 0910-0930 10 Ovc R

Mallards - pr courting on Long Tom	Flicker	Audubon Warbler
Redtail Hawk - pair	Ravens	W. Meadowlarks
Sparrow Hawk	Crows - 15	Brewer Blackbirds
Pheasants here and there	Robin	Oregon Juncos
Killdeer common	Bluebirds	Golden-crowned Sparrow - flock of 9

February 8, 1948 Cheshire to Fern Ridge Reservoir, 0930-1000 7 Ovc R SW 7-12

Sparrow Hawk	Winter Wrens scolding	Purple Finch
Ruffed Grouse	Robin	Oregon Towhee
Stellar Jay	Golden-crowned Kinglets	Oregon Juncos
Ravens	Audubon Warblers	

February 8, 1948, Fern Ridge Reservoir, Lane Co. 1000-1400 7 Ovc, R SW - 6-15, Cold

Pied-billed Grebe - one in bay below day; it would submerge without diving.
Blue Herons present just about everywhere one would look.
Canada Geese, mostly lessers - several flocks of 50 or so flying around - probably about 1000 around the entire reservoir.
Mallards - a couple of pair is all that was seen
Mergansers (Red-breasted) - a pair of full adults seen. They looked large, probably larger than the Am Red-breasted should look, but they both possessed definite crests, and the chest was dark, not clear white, as in the American.
Sparrow Hawks - a couple
Coots - not too many of them seen.
Killdeer - in with the sandpipers, and also in groups and singles by themselves.
Wilson Snipe - a few flushed along old Elmira road.
Least Sandpipers - many in the area - we watched up to 200 feeding on mud flats at close range, and others were mixed in with a huge flock of assorted pipers, probably Leasts, Westerns, and a few Red-backed??
Dowitchers - a flock of 5 were feeding in a slightly isolated groups a ways from the huge flock of other species on one of the mud-flats.
Western Sandpipers - in a mixed flock with the leasts, a huge flock of several hundred or so, and perhaps a few Red-backed in with them.
Glaucous-winged Gull - a couple of adults around the dam.
Ring-billed Gull - adults observed along the mud-flats at the south end.
Short-billed Gull - at edge of water on mud-flat at north end - Species not real certain.
Short-eared Owl - one observed on open mud flats at south end, not far from a raft of geese, and a huge flock of sandpipers.
Gairdner Woodpecker - one working in oak below the dam.
W. Crows - a few
Oregon Chickadees in winter flock with Kinglets, etc.
Slender-billed Nuthatch - one working in oak below the dam.
Robins on the ground feeding in fields all around the reservoir.
Golden-~~ki~~/ crowned Kinglets - in winter flock with Chickadees
Pipits - some observed at 5 feet, and many small flocks here and there.
Audubon Warblers - a few in brush, grass (sedge), and oak areas.
Redwinged Blackbird - a few.

803

February 8, 1948, 12-mile Swamp, Bruce Station: 1450-1600, 70 Ovc 10Brkn, R-, SW 7-10.

Heron - a couple seen
Canada Geese - 3 flushed from edge of swamp - Lessers - 50-70 in flock near swamp.
Mallards - 15-20 seen.
Pintails - several beautiful full males, and also females or immature males?? 30-40 total.
Green-winged Teal - there must have been a total of 4500-5000 of them at the swamp today, and what a thrilling sight it was to watch them wheel and turn in unison. One flock picked up some male Shovellers, and after a few banks, the Shovellers ended up at the head of the line, and they retained that position for sometime ! It was indeed a wonderful thing to watch, and it is too bad that it all couldn't be seen at the same moment.
Shovellers - a few full males and immature males or females with the Green-winged Teal. They were in flight with them (see above).
Ruddy Ducks - only a couple were seen. No full males
Cooper Hawk - 1 flew over north end.
Sparrow Hawk - a couple seen
Coots - maybe 50-70 seen
Killdeer
Wilson Snipe - must have flushed 30-40 of them
Flickers - a couple
Tule Wren - a few seen and heard
Robin
W. Bluebirds abundant, hovering
Pipits calling and flying over
NW Shrike - one around the hut again this p.m. Not present in a.m.
Audubon Warblers common in ash, and in sedge, and on the ground near water, and over it.
NW Redwings - maybe 40-50 coming in as we left, males brilliant now.
Purple Finch - 3 or 4 females or immatures in ash tree - just sitting. Flushed & returned.
Song Sparrows

804

February 8, 1948, Corvallis to 13-mile Swamp, 0850-0910, 32-33°F, 10 Ovc 4, SW 8-10.

Mallards - 24
Pintails - 5
Killdeer - 20
Flicker - 4
W. Crows - 3
Slender-billed Nuthatch - 1
Robin - 4
Audubon Warbler - 9
Oregon Towhee - 1

805

AND RETURN, 1600-1620 70 Ovc, 6 Sctd, RW- SW 5-10.

Lesser Canada Geese - 600 in 2 flocks near hiway
Mallards - 125-150
Baldpates - 25-50
Pintails - 125-150
Sparrow Hawk - 2
Pheasants - 6
Killdeer - 5
Flicker - 2
W. Crow - 1
Robins - 2
W. Bluebirds - 20
Audubon Warbler - 5
W. Meadowlarks - 4
Blakkbirds, Brewer - 40
Oregon Towhee - 2

February 11, 1948, Poison Oak Lake, Linn Co. 3 mi east of Corvallis.
Clear and 55°-60°F. N - 5-7 1350-1420 Below freezing this a.m., and still ice on some small sheltered ponds.

Mallards
Baldpates
Lesser Scaups - 3M & 2 F
Valley Quail - about 25-30 of them.
Pheasants - 4 M and 1 F
Killdeer
Flicker
Long-tailed Jays - 15-20 present
Oregon Towhee - about 20 pair/acre !
White-crowned Sparrows - adults and immatures - about 25 of them.
Song Sparrows singing clearly.
Oregon Chickadees
Slender-billed Nuthatch
Winter Wren
Robin
Varied Thrush feeding on ground in rose-poison oak pasture area.
Bluebirds flew over
Ruby-crowned Kinglets working fir and brush
Audubon Warbler
W. Meadowlarks , Juncos,

806

Feb. 11, 1948, Stewart Lake, Benton Co. 1440-1500. Clear N-8-12

807

Lesser Scaup - 1 male
Buffleheads - 3 males in beautiful plumage, and 3 females, ? of which were last years.
Flushed them 3 times, but they just flew to other end each time !
Pheasants
Killdeer - 25
Wilson Snipe - 4
Flicker Robin, Meadowlark, Song Sparrow

Feb. 11, 1948, Dixon Creek and Oak Creek valleys, Corvallis, 1500-1700.

808

Cooper Hawk - perched in top of old oak tree.
Mountain Quail - covey of 6 flushed in poison-oak-young D. Fir area.
Pheasants here and there
Wilson Snipe - just one from marshy area.
Flickers a few - and also about 20 in one flight into oak hillside.
Long-tailed Jays - acouple.
Oregon Chickadees
Robin
Bluebirds flew over
Pipits - Brewer Blackbirds - Oregon Towhee, and Oregon Junco - Song Sparrow.
W. Crow - I found the gathering place for these birds on Squaw creek, just west of the College farms, and east of Baldy Mtn. They were in the tops of cottonwoods and also many more on the ground, feeding, etc. About 1600, one bunch of 600 or so were flushed and later resettled in the area. All the time more crows were beginning to come in. About 1630 they started taking off in groups, with straggler inbetween, climbing steadily, spiralling, and working due NW against a strong N wind at that level (about 3000'). By 1700, the first birds could barely be seen with my field glasses, as they were approx. 5 mi. NW., there being a nearly continuous li from that point to the starting point. Perhaps 3-4000 birds total

McFADDEN'S SWAMP AT BRUCE STATION, BENTON COUNTY, OREGON

February 10, 1948 14:00 to 17:00
Weather: Clear and cold

801

California Heron - A couple flew out of the swamp.
Canada Goose - About 3,000 in the field north of the main part of the swamp. Didn't notice any cacklers among them.
Mallard - Only around 100 altogether.
Baldpate - About five in the north field.
American Pintail - as above.
Green-winged Teal - About 2,000 in large flocks on the north field.
Shoveller - Only about 25.
Marsh Hawk
Ring-necked Pheasant - 10 in one band in the field east of the swamp.
American Coot - Probably about 75.
Killdeer
Wilson's Snipe - Scattered individuals here and there.
Northestern Flicker
Oregon Chickadee
Seattle Wren
Tule Wren
Robin
Bluebirds - two flocks of about 20
American Pipit - scattered individuals flying over.
Shrike - As usual around the house.
Audubon Warbler - Seen often on in the ashes.
Red-wings
Purple Finch - one flock
Juncos
Song Sparrows

High water conditions were present. The north field had from one to three feet of water on it. The south pond was observed only from the road.

TWELVE MILE (KOFADDEN'S SWAMP) AT BRUCE, BENTON CO., ORE.

510

Weather: Cloudy with showers. Warm
Date: 14 Feb. 48 09:00 - 16:30.
List includes birds on north ponds and all that could be seen from the road on the south pond.

Blue Heron - A couple around.
American Bittern - While eating lunch in the jeep on the road just east of the Muddy Cr. bridge noticed something in the road which looked like a paper sack that was open. Checked it with the binoculars and found it to be a bittern standing still with neck pulled in. A minute later it began walking very, very slowly and deliberately back into the swamp. The movement was so slow that the bird's camouflage was still effective even on the gravel. Eventually it went back into the swamp, but several minutes later I noticed it back inthe road. This time it moved slowly toward the otherside with neck stretched almost to a complete horizontal position. Just before it got back into the swamp, a car came along and at the last moment the bittern awarkedly took to the air.
Canada Geese - Didn't notice any cacklers although there might have been some. There was four to five thousand in all which moved from the north swamp to the south swamp.
Mallard - around 200
Baldpate - one male
Pintail - around 100.
Green-winged Teal - Probably 4,000 or more alltogether. During the morning for some time the green-winged teal were kept in the air by a female marsh hawk which kept making passes at them. The passes were lazy like and the hawk appeared to be playing.
Shoveller - About 150. Sex ratio equal.
Ruddy Duck - two or three.
Red-tail - one hung around Muddy Cr. during the morning.
Sparrow Hawk - two around the triangulation tower.
Ruffed Grouse - Flushed a ruffed grouse twice in the oak and ash along Muddy Cr. It may have been the same bird both times.
Ring-necked Pheasant - 6 males and 11 females in the field just SW of the triangulation tower. Flushed two males next to the duck cabin. The two sexes stayed apart, that is the flocks did not mix.
Coot - around 100.
Killdeer - one or two.
Wilson's Snipe - only one.
Flicker
Say's Phoebe - On a fence post west of the cabin. Seemed like Eastern Oregon having this bird and the shrike in view at the same time without even moving my binoculars.
Raven
Oregon Chickadee - one flock
Seattle Wren
Tule Wren
Robin
Varied Thrush - one in the ash.
Western Bluebird - scattern flocks.
Golden-crowned Kinglet - one flock in the ash along Muddy Cr.
Pipits - occasional individuals heard.
Shrike
Audubon Warbler - a few.
Red-wing - only a couple noticed in the morning.
Purple Finch
Oregon Towhee, Juncos, Song Sparrow

Feb. 15, 1948 - 4 miles SE of Monroe, raining, and SW wind - 1600 PST

W. Crow - located another Crow flight line, and in about 5 minutes of driving I nearly paralleled the route for a while. They were gathering from the direction of Harrisburg, and flying almost due W toward the coast foothills. I saw well over 2000 birds, I would estimate, and didn't begin to see all of them.

Brewer Blackbirds - a flock of 250-300 in one dirt field.

Ruddy Duck at Eugene, on one of the old mill ponds.
Coot, too.

Feb. 16, 1948 - Corvallis-12mile Swamp, 1305-1325 Ovc/40 Ø SW 8-12, 75-78°

Baldpate - 10	Killdeer - 16	Engl. Sparrow - 1
Marsh Hawk M - 1	Robin - 9	Redwing - 1
Sparrow Hawk - 2	Bluebirds - 2	Br. Blackbird - 7
Pheasant - 6	Audubon Warbler - 4	

AND RETURN 1620-1645 Ovc/30 Ø SW 10-15

Mallard - 3	Killdeer - 1	Meadowlark - 5	Oregon Chickadee - 2
Baldpate - 13	Flicker - 3	Brewer Blackbird - 104	
Pintail - 3	Robin - 3	Juncos - 2	
Pheasant - 1	Audubon Warbler - 7	Song Sparrow - 2	

Feb. 16, 1948 - Oak-fir Hills W of 12-mile Swamp, 1330-1430, Ovc/40 Ø SW 8-12

Mourning Doves - a pair in the road
Flicker - in top of oak
Coast Jay - at least 6 in oak-scrub brush fence row along road up, as last winter.
W. Crows - at least 300 in one young grain field - a prelim. flocking.
Oregon Chickadee
Winter Wren scolding, but not singing.
Seattle Wren
Robin
W. Bluebirds flew over.
Ruby-crowned Kinglets scolding
Golden-crowned Kinglets in tree tops-fir
Audubon Warbler - a couple in oaks
W. Meadowlark singing on ground in field
Br. Blackbirds - flew over
Oregon Towhee singing (trill)
Savannah Sparrow - in "Daucus" field

Juncos - small flock in green field
White-crown Sparrows - 11 in brush pile
Song Sparrows here and there.

Feb. 15, 1948, 12-mile Swamp, Bruce Station, 1430-1615, Ovc/35Ø SW 8-15, 75-78°F.

Lesser Canadas - 500-600 in area.
Mallards - perhaps 400 all told - most in field at north end, and due to strong wind, others not on open water, but in shelter of ash and spirea brush on east side.
Baldpates - 10 or 15 seen
Pintails - 60-75 present, few males.
Green-winged Teal - not over 8-900 seen
Shoveller - 30-40 seen, some full males

Sparrow Hawk
Pheasants - a few
Coots - everywhere on open water - 3-400.
Killdeer
Wilson Snipe - 2 flushed at N end.

W. Bluebirds - common
Pipits - several small flocks overhead.
N.W. Shrike - in fence row - watched it hover at 20' for at least 50 seconds, uttering call notes at same time.

Ruddy Male near bridge - just getting color.
Hooded Mergansers - pair lit about 50 feet from car on bridge - male a beauty - stayed only a minute, and flew after a short take-off. Female breast white.
Flicker
Say's Phoebe - just one in pasture-rose area.
Tule Wren - some scolding, others singing.
Robin
Varied Thrush - one in ash grove - on ground.

Audubon Warblers - a few in ash, and feeding on gravel in road - close company with the W. Bluebirds.
W. Meadowlarks singing
NW Redwings - several "kokalee-ing".

Purple Finch imms in same ash tree.
Oregon Towhees common - Oregon Juncos in brush and fence rows - Song Sparrows.

Feb. 23, 1948 — N. 15th & Jackson St - Corvallis — 7:45 a.m. - O/ cool, calm.

3 flickers - sex not determined. One on crossarm of telephone pole, the other two on wires 3'-5' away, and below the 1st bird, who seemed indifferent to the display activities of the 2 other birds. These two would utter excited call notes, & at intervals fan the tail graciously, or nervously, and tilt the head upwards over 1 way or to the side, still giving voice at same time. Twice the two birds got side by side, almost facing each other, doing the same thing. Another time facing the same direction. Dipping & bowing also took place all this time.

See back of preceding page.

Jan 23, 1948 1 to 4 — Sunset Hall — Clear & near full moon

Heard Pigmy Owl calling from old orchard aba— several times, now with 3 sharper, & more distinct notes. Loud, for its size — made dog bark.

Feb. 24, 1948, Corvallis - 12-mile Swamp 1315-1335 -Ø/ 70°F SW 2-5

Killdeer - 7 Sparrow Hawk - 1 Audubon Warbler - 6 Brewer Blackbird - 47
Robin - 1 Pipits - 5 Meadowlark - 2

AND RETURN 1600-1620 Weather same, calm.

Marsh Hawk M & F Killdeer - 4 Bluebirds - 8 Meadowlark - 4
Sparrow Hawk - 2 Robin - 3 Audubon Warbler - 7 Brewer Blackbird - 42
Juncos - 10.

Feb. 24, 1948 - 12mile Swamp 1335-1600, -Ø/ SW Calm - 5

Blue Heron - 1 flew over
Lesser Canada Geese - about 500 in field at north end. 1 flew from south end.
Mallards - perhaps 50 were seen.
Baldpates - about 25 seen
Pintails - 150-200 altogether - most females and immatures.
Green-winged Teal - 40-50 seen
S hoveller - 3 or 4 females or immatures and 2 full males.
Ruddy Ducks - just 4 seen
Hooded Mergansers - a pair seen not far from place seen last time.
Cooper Hawk - 1 at south end
Redtail Hawk - 1 at south end.
Marsh Hawk - 1 female or immature and also one immature male.
Sparrow Hawk
Coots - 2-300 in area - about all there was to be seen on the open water - high.
Killdeer - a couple
Wilson Snipe - 1 flushed.
Flicker - on ground, feeding, near grove of ash trees.
Ravens - heard a couple.
Crows - a few flew over.
Oregon Chickadees - a few working scrub ash over swamp area.
Bush Tits - about 15 in one flock in scrub ash, and spirea.
Winter Wren - at south end.
Seattle Wren - scolding song sparrow in fence row.
Tule Wrens - there must have been 15-20 singing and scolding over the middle and north sectors of the swamp this afternoon. Some tame.
Robin - a few in fields and ash trees
Varied Thrush - in ash groves at south end.
Bluebirds - 15-20, of which I saw at least 7 hovering at 10-15' -Ø/ at the same time.
Ruby-crowned Kinglets - in ash and spirea.
Pipits - several flew over
Shrike - just one in fence row on east side.
Audubon Warblers - in oak, and ash, singular call notes.
W. Meadowlark - singing
Redwings - a few males seen
Brewer Blackbirds - a few flew over.
Purple Finch - feeding on ground at edge of water in pasture, and in ash, calling.
Oregon Towhees - quite a few in fence rows.
Savannah Sparrows - a few in Daucus pasture area along east side.
Song Sparrows - must have seen at least 50 altogether, in fence rows around the swamp.

Feb. 24, 1948 - O.S.C. Campus, 9:30 p.m.
A Brewster's Screech Owl giving about ½ of full call, at 10-15 sec. intervals from tall old fir near Bandstand - about 15' up in tree.

Feb. 25, 1948 - O.S.C. Campus
9 a.m. — Evening Grosbeaks, Varied Thrush
3 p.m. Townsend Warblers - 2 seen in pine, etc by "Burton Hall". They have been seen off and on in Corvallis all winter by Phil Dumas - my first ones. Ok with K ingate

Feb. 26, 1948 – O. S. C. Campus.

Screech Owl calling every 20-40 seconds from same fir tree as Tues (2-24) and in about the same place on the tree (NNW side) at 20-25'

W. Evening Grosbeaks – scattered small flocks, + one of up to 150-175 birds.

Feb. 28, 1948, Stewart Lake, 1½ mile N of Corvallis, 1410-1425 , 30 Sctd.

Mallards - 6 of them flushed first as we approached, causing Clemmys to drop into HOH.
Lesser Scaups - males and females present, somewhat paired - about 15-20 total.
Buffleheads - 3 males and 3 females present (one of which was young mentioned before). the 3 males were really beauties, and flushed back and forth on the lake several times. Take-off runs averaged about 15 feet.
Redtail Hawk immature flushed from top of ash, and flew several 100 yards to cottonwood.
Coot - one or two along the east edge of the lake.
Killdeer - a few
Wilson Snipe - one flushed in soggy field.
Flicker - calling from oak tree
W. Crow - several calling from ash trees at south end, and in adjacent fields.
Oregon Chickadees - in large winter flock in brush and oaks.
Slender-billed Nuthatch - 2 pairs in this winter flock - one bird giving spring song.
Seattle Wren - in brush with juncos.
Robins - must have been 200 in oaks, and in grain field to the west of woods.
Ruby-crowned Kinglets - in the winter flock
Audubon Warlbers - a few in the winter flock
Meadowlarks - singing
Brewer Blackbirds - flock of 15 or 20 feeding on the ground in the grain field.
Oregon Juncos - 100-150 in the winter flock.
Golden-crowned Sparrows - in poison oak thicket at the road.
Song Sparrows
Oregon Towhees.

Feb. 28, 1948 - Peavy Cabin, MacDonald Forest, 1500', 2 Brkn, HW- - cool. 1435-1450
Chestnut-backed Chickadees in flock with
Calif. Creepers and
Golden-crowned Kinglets and
Audubon Warblers in fir woods.

Feb. 28, 1948 - Oak Creek, west of Corvallis - RW- 1600-1650
Redtail Hawk - circling over
Woodducks - 2 males and 1 female lit on our "frog pond".
Sparrow Hawk - one on wire line.
Pheasants in field areas. - M & F
Killdeer in field, and flying over, alling
Flickers in nearby oaks.
W. Crows - a few flying high in a NW direction, same as the big flight did some time ago.
Oregon Chickadees - in oaks along creek
Robins - in field, and about 1645 we watched 50 or more flying straight for cemetery hill north of Corvallis, a couple of miles away, as we have seen robins do before in heading for the winter roost there.
W. Bluebirds - in fence rows.
Pipits - 15-20 in fields, and others flying over, calling.
Audubon Warblers - scattered individuals here and there.
Meadowlarks singing as soon as the rain passed.
Brewer Blackbirds - small flocks seen.

Feb. 29, 1948 Mary's River south of Corvallis. 10-1200 Clear and cool, calm.
Mallards - 1 pair flew up the river
Cooper Hawk - one flew across from a fir grove into oak and ash
Flickers - quite a few of them calling and flying about this a.m.
N. Red-breasted Sapsuckers - some calling, scolding, drilling, and flying about. Some quite tame allowing approach within 10 feet or so.
822
Long-tailed Jay - a few seen, and several others heard.
W. Crows - 3 or 4 calling as they flew over
Oregon Chickadee - quite a few in winter flock
Slender-billed Nuthatches - several heard, some with Spring Song. One pair chasing around together.
Winter Wren
Seattle Wren
Robins here and there, more common in open areas.
Golden-crowned Kinglets - in fir area.
Ruby-crowned Kinglets - many in the winter flock in brush along the river.
Pipits flying over.
Audubon Warblers quite common but not in large numbers together.
W. Meadowlarks singing.
Brewer Blackbirds feeding on ground.
W. Eveing Grosbeaks calling and flying here and there.
Pine Siskins - a flock of 50 or so birds, feeding on Alder cones at edge of river.
Oregon Towhees in brush areas.
Oregon Juncos in winter flock with other species.
Golden-crowned Sparrows - a few in scattered brush in pasture area.
Song Sparrows really going to town. Some singing from ground, or on perches.

Feb. 29, 1948 - 12-mile Swamp, 1430-1600, Brkn/40 Ø Cool, SW-3-5

Blue Heron
Lesser Canada Geese - about 1500 came in to flooded field at north end.
Mallards - perhaps 200-250 seen
823
Baldpates - a few
Pintails - 300-350 seen, about equally M & F (or immatures)
Green-winged Teal - over 1000 at north end.
Shovellers - M & F present in about equal numbers - somewhat paired up already - 40-50
Ruddy Ducks - saw just 4 or 5 of them, no full males
Hooded Merganser - just saw the female today
Red-tail Hawk - a couple soaring over.
Sparrow Hawks - common on wire lines and posts today
Marsh Hawk - female flying low over marsh, and male seen near highway.
Pheasants - M & F common in fields all the way to Corvallis.
Coots - about the only birds seen on the open central part - 3 or 400 seen
Killdeer - calling and a few flying over
Wilson Snipe - just a couple flushed
Short-eared Owl - on fence post 100 feet from hiway, ½ way to Corvallis
Flicker in ash trees, and feeding on the ground of wet pasture area.
Gairdner Woodpecker - working scrub ash over water.
Horned Lark - a single flew over.
Crows - several calling from south end of swamp.
Oregon Chickadees - in brush
Bush-tits - a small flock of about 15 or 20 in the Spirea again.
Seattle Wren in fence row area.
Tule Wren - not very many calling today, but a few were seen.
Robins - on ground in wet pasture area.
W. Bluebirds - on wire lines along the hiway, and near the swamp.
Ruby-crowned Kinglets - in brush areas.
Pipits - a few flew over, others in grain field.
Northwestern Shrike - Ken Walker and I heard the strangest set of call notes and song coming from the Hawthorne thicket, we were really surprised. First I thought of Mockingbirds, and then of Thrashers I had heard in the Pinon pine country of S. California. I couldn't begin to describe the notes, from quite a pretty little song to singular notes, and also harsh buzzing notes, etc. The bird didn't want to fly from the center of the thicket, but finally worked its way up to the top twigs where I had a fine opportunity to observe its finely barred breast.

Feb. 29th continued: 12-mile Swamp.
Audubon Warblers - just a couple working thru the ash.
W. Meadowlarks - singing
Redwing Blackbirds - not a one in the area.
Brewer Blackbirds - a few
Purple Finch - a few females or immatures of the previous year in ash toward N end.
Oregon Towhees in fence rows.
Savannah Sparrows in field along east side of swamp.
Oregon Juncos - a few in brush and fence rows.
Song Sparrows.- common and singing merrily.

McFADDEN'S SWAMP AT BRUCE STATION, BENTON CO., ORE.

March 6, 1948 15:00 to 17:15
Weather: Cloudy

824

Blue Heron - 1
Canada Goose - About 2,000
Mallard - about 300
Pintail - 180 - 200
Green-winged Teal - 2,000 to 3,000, mostly at the north end.
Shoveller - 75, mostly males
Wood Duck - 3 or 4 flew up out of the ash [illegible] south of the horse shed.
Scaup - One pair where the main swamp outlet empties into Muddy Cr.
Ruddy Duck - about 4
Western Red-tail
Marsh Hawk - 1
Sparrow Hawk - 1
Ring-necked Pheasant - One cock in the field east of the house.
Coot - about 75
Wilson's Snipe - several, scattered.
Flicker
Raven - one calling
Bush-tit - a flock in the ash on the east side of the main swamp.
Tule Wren - calling here and there
Robin - one flock
Western Bluebirds
Audubon Warblers
Red-wings - came in around 4:00 as usual
Juncos
Song Sparrows
Pipit - heard one flying over.

McFADDEN'S MARSH AT SILVER SPRING, MONT Co., MD.

825

March 7, 1948 14:30 to 17:00
Weather: High clouds, warm

Blue Heron - 1 flew up out of the south swamp.
Canada Geese - 2,000 to 3,000 in the area
Mallard - probably around 400 altogether in scattered flocks.
Pintail - Not as many as yesterday, probably about 100. Appeared to be mostly males.
Green-winged Teal - At least 1,000, maybe more. One of largest flocks was at the south part of the south swamp.
Shoveller - Only about 25, mostly males. At the south swamp.
Ruddy Duck - Counted 8 in the big pond south of the road.
Western Red-tail - Heard one.
Sparrow Hawk - two on the poles next to the railroad tracks.
Ring-necked Pheasant - Several cocks in the field ////////////// east of the house.
Coot - about 75
Wilson's Snipe - several scattered individuals.
Flicker
Tule Wren - twittering here and there.
Western Bluebirds - In the ash on the east side of the main pond.
Pipit - A few around the northeast corner of the main pond. Several individuals perched about 20 feet up in an ash.
Audubon Warbler - a flock in the ash on the northeast side of the main pond and in the ash on the east side of the south swamp.
Red-wings - Appeared at 15:30 as usual.
Junco, Oregon - a small flock.
Song Sparrow
Violet- Green Swallow Five or six were flying about the main pond when we first arrived.

David G. Marshall

All of swamp was roughly covered or looked over.

March 9, 1948 Corvallis - 12-mile Swamp, 1310-1330, 30 Ø Cool, N 6-12-

Mallards - 12	Pheasant - 1	Audubon Warbler - 4
Pintail - 3	Mourning Dove - 1	W. Meadowlark - 6
Marsh Hawk - imm. M	Robin - 2	Eng. Sparrow
Sparrow Hawk - 3	W. Bluebird - 4	Brewer Blackbird - 12
		Redwing Blackbird - 1

AND RETURN: 1600-1620

Sparrow Hawk - 3	Flicker - 2	Eng. Sparrow - 1
Mourning Dove - 1	Robin - 1	Brewer Blackbird - 45
Killdeer - 14	Audubon Warbler - 1	Junco - 1

12-mile Swamp, Bruce Station, Mar. 9th, 1948, 1330-1600 30 Ø N 8-15 -

Blue Heron - just one flushed from west side.
Canada Geese, Commons - about 200 in with flock of Lessers - call quite different.
Lesser Canada Geese - about 1000 to 1200 in flocks at south end, on land and in water. Later flew to north end and made big flock of about 2500 there.
Cackling Geese - a few (25 or so) in with the other geese.
Mallards - must have been 3 or 400 around, mostly all in flooded brush and ash areas, for few were seen on open water - about even sex ratio.
Baldpates - a few near the geese at the south end
Pintails - 3 or 400 in area - about equal males and females.
Green-winged Teal - some 500 at south end, and watched a F Marsh Hawk attaching one which it failed to catch. In field off N end were about 2000 more Teal
Shovellers - mostly on open water, some 2-300 in area. About 3 M to 2 F.
Ruddy Ducks - 5 near center bridge area. One nearly in full plumage.
Hooded Merganser - one pair flew over us, the female first
Vultures - the first of the year. While flushing the geese, I spotted two birds circling high to the west, but lost them. Later Dave spotted two circling low over the swamp area, working north, and I saw a third one sailing north, over the highway. All three of these birds weren't over 50 feet up.
Sharp-shinned Hawk - saw one bird carrying a small mouse or shrew from field on east side.
Redtail Hawks - a couple seen in area
Marsh Hawks - female or immature of last season over the swamp area. We saw them make passes at Redwing Blackbirds, M & F Pheasants, and Green-winged Teal, but with no success. Except with the Teal, it wasn't at all persistent in following prey.
Sparrow Hawks - a few singles, and I also observed a pair of them feeding together, or rather hunting, from about 50 feet and about 50 feet apart. In one instance, both birds headed for the same spot at the same moment, both alighting on the prey, but soon one flew from the spot, leaving the other with the prey. Sex was not determined
Pheasants - in field at east side of swamp.
Coots - 2 or 300 on open water, and in some brush-water areas.
Killdeer - a few
Wilson Snipe - just one flushed from marshy grass area.
Greater Yellow-legs - 1st of the year - 3 of them flew low over us, calling.
Flickers feeding in pasture on the ground, flying to and from fence row of ash trees.
Violet-green Swallows - the first for me, tho Dave saw them Sunday. Just a coupe seen at first, but altogether we probably saw 25 or 30 of them
Tree Swallow - I saw just one of them in with the V-G's.
Seattle Wren - in brush area
Tule Wrens - a few scolding, but none heard singing.
Robins - a flock of 30 or 40 feeding in wet pasture.
W. Bluebirds - hovering over stubble field on east side of swamp
Ruby-crowned Kinglets - several scolding from brush area. One singing beautifully.
Pipits - a few flew over
Audubon Warbler - must have been at least 200 in the ash and brush around the swamp.
Meadowlarks - singing Brewer Blackbirds - a few. Purple Finches -
Redwings - present at 1330. A few. 1st time they've been here before about 4 p.m.
Oregon Towhees in brush areas. Savannah Sparrows - a few in Daucus fields.
Song Sparrows - at least a dozen in one little clump of brush. Some scolding, and others giving their spring song and display - a buzzing-like series of notes.

Mar. 11, 1948 – O.S.C. Campus – 6 p.m.
Audubon Warbler giving spring song.

Mar. 12, 1948 – O.S.C. Ag Bldg – 8 a.m. – Violet-greens over the building, calling.

March 14, 1948 – Corvallis to 12-mile Swamp: 0845-0905

Lesser Canada Geese – 12
Mallards – 18, all paired up
Bob Whites – 6
Killdeer – 33
Mourning Dove – 1
Violet-green Swallow – 1
Long-tailed Jay – 1
Crow – 1
Oregon Chickadee – 3
Robin – 19
Bluebirds – 2
Pipits – 4
Audubon Warbler – 2
English Sparrow – 12
Brewer Blackbirds – 122
Green-backed Goldfinch – 1
Juncos – 16

March 14, 1948 – 12-mile Swamp – 0905-0920

Cold and strong SW winds

Mallards – paired
Pintails
Green-wing Teal
Shovellers
Ruddy Ducks – 15-20 of them
Pheasants
Coots
Flicker
Horned Lark singing
Violet-green Swallows
Tree Swallows
Tule Wren
Robins
Redwings calling continuously
Song Sparrow

March 14, 1948 Bruce Station, Benton Co. to Cheshire, Lane Co. -0920-0945

Lesser Scaups – pair on the Long Tom River below Monroe
Vultures circling here and there
Sparrow Hawk
Flicker
Long-tailed Jay
W. Crow in field
Robin
W. Bluebirds
Audubon Warblers
W. Meadowlarks singing
Brewer Blackbirds common
Oregon Towhees
Oregon Juncos

March 14, 1948 Ridge north of Fern Ridge Dam – 0945-1005

Flickers
Long-tailed Jays
Robin
W. Blueibrds
Golden-crowned Kinglets
Ruby-crowned Kinglets singing
Townsend Warblers singing
W. Meadowlarks
Oregon Towhee
Savannah Sparrow
Oregon Juncos

March 14, 1948, Fern Ridge Reservoir – 1005-1215, SW 5-15, Cold, RW

Lesser Canada Geese
Blue Heron
Mallards – paired up
Vulture
Marsh Hawk
Sparrow Hawk
Pheasant
Coot
Killdeer
Yellow-legs – 6 of them
Ring-billed Gulls – 15 or 20
Flicker
Say's Phoebe on small bush in fence row
Horned Larks
Violet-green Swallows
W. Crow
Calif. Creeper
Winter Wren
Seattle Wren
Tule Wren
W. Bluebirds
G. C. Kinglets
Pipits – 100's of them
Audubon Warbler
W. Meadowlarks
Redwings scattered
Brewer Blackbirds
House Finch in berry patch
Savannah Sparrows
Juncos
Song Sparrows

March 14, 1948 - Bailey Hill, SW of Eugene, Lane Co - 1300-1315

Vulture Ruffed Grouse 3 or 4 Mountain Quail Robin

March 14, 1948 Coburg to "Incense Cedar on N. Lane-Linn Co. Border 1430-1455

Mallards Robin Brewer Blackbirds
Sparrow Hawk W. Bluebirds Willow Goldfinch
Killdeer W. Meadowlarks
Flicker Redwings

March 14, 1948 Incense-Cedar-Yellow Pine area, Lane Co. 1455-1540, 20 Ovc RW-

Tree Swallows - several Seattle Wren Ruby-crowned Kinglets
Stellar Jay Varied Thrush - many Oregon Juncos
Oregon Chickadees Golden-crowned Kinglets

March 14, 1948 "Incense Cedar to Brownsville - 1545-1605

Marsh Hawk F W. Crows in field W. Meadowlarks singing Oregon Juncos
Sparrow Hawks Robins in field Redwings in field common
Flickers W. Bluebirds Brewer Blackbirds in field

March 14, 1948 - Peoria, Linn Co: 1645 - 1705

Short-eared Owl - one flying over stubble field. Seemed to flap either 2 or 4 times, and them glide a very short distance.

March 17, 1948, Pudding River, Woodburn, T Stms and RW 1430-1510

Mallards - a pair flushed from the river
Wood Ducks - 2 pair in small pond near the river.
Pheasants - crowed after blast on nearby farm.
Flicker
Violet-green Swallows - a few over the ~~river~~ river area.
Tree Swallows - a couple seen
Seattle Wrens - 2 in small clump of fence row brush, and stayed within 3' of me.
Hermit Thrush - on snag sticking up from log jam in center of river (Seattle Wren there, also).
Oregon Towhees - here and there
Song Sparrows

March 17, 1948, E of Gervais - 1520-1545 RW-

Lesser Scaup - pair on small pond in hollow in grain field - diving now and then.
Sparrow Hawks - several seen on wire lines and over grain fields.
Killdeer - a couple
Mourning Doves - several seen
Flickers - feeding on the ground in the fields
Coast Jay - a couple in river-bottom brush, near fir woods
Long-tailed Jay - a pair in dense hawthorne and willow thicket
W. Bluebirds - quite a few along the hiway
Oregon Juncos - 100's seen.

March 20, 1948 - Hoodoo Ski area + Santiam Ski Lodge - noon - 6 p.m.
Snow + sleet - Wind W 10-35 - 30°F

Gray Jays - Several around the lodge. Very tame - many scolding + call notes heard.
Raven - one pair hanging around the hiway in high winds.
Stellar Jay - saw just one - & heard again at 8 a.m. the next morning.
Mtn. Chickadees - 7 or 8 seen working clump of fir during a lull in the storm.

March 23, 1948, Corvallis - 12-mile Swamp, 1240-1300 40 Brkn, nearly calm, 60°F.

Mallards - 8	Redtail Hawk - 1	Flicker - 1	Audubon Warbler - 2
Pintails - 3	Sparrow Hawk - 4	Robin - 5	Song Sparrow - 1
Vultures - 5	Pheasant - 1	W. Bluebirds - 6	

AND RETURN: 1450-1510

Mallards - 4	Pheasant - 3	Pipit - 1	Golden-crowned Sparrow - 23
Vultures - 2	Flicker - 9	Audubon Warbler - 2	Song Sparrow - 1
Sparrow Hawk - 2	Robin - 18	Meadowlark - 3 (1 singing from 50' perch)	

March 23, 1948, 12-mile Swamp: 1300-1450, 50 Brkn, SW 5-15, 60-65°F. Water way up !

Blue Heron
Lesser Canada Geese - 600 swimming in flooded field north of swamp
Mallards - perhaps 30 or 40 altogether
Pintails - about 25 seen, ½ M and ½ F
Green-winged Teal - not over 30 or 40 seen
Shovellers - 50-75 - ½ M and ½ F or immatures
Ruddy Duck - just one seen
Hooded Mergansers - a pair diving and feeding in deep water above west bridge.
Vultures - 3 circling together over area most of the afternoon. Watched 1 Raven chase 1 vulture. The vulture sailed while the Raven beat the wings rapidly to keep up.
Marsh Hawks - both M & F seen. Also found fresh kill of Coot at edge of water in pasture area.
Pheasants - Adult M & F and young birds flushed from brush and fencerow areas everywhere.
Coots - about 50 seen in north end, and I flushed another 75 or so at south end.
Wilson Snipes - flushed a couple of singles
Killdeer - just one seen on the ground.
Flickers feeding on the wet pasture ground
Violet-green Swallows - perhaps 25 or 30 feeding high in air over the swamp area.
Ravens - several seen and heard. One chased a Vulture, and had to flap wings rapidly to keep up with sailing Vulture.
W. Crows - 26 in one flock in field east of swamp.
Seattle Wrens scolding from fence row
Tule Wrens singing here and there throughout the marsh area.
Robins - a few
W. Bluebirds - several hovering over field, and perched in fence rows.
Pipits - saw 15 or 20, most very tame, and just walked away from me in the stubble field. Also saw 3 of them in a tree
NW Shrike - perched on wire line by the swamp.
Audubon Warblers - dozens and dozens of them present. Most very busy catching gnats and Mayflies that were common in large swarms today.
W. Meadowlarks singing from the ground and from fence posts.
NW Redwings - none present when I arrived at the swamp, but at 1315 a flock of about 50 came in all at once, and they soon started to "kokalee-ing". Some conflicts took place, possibly over territories.
Oregon Towhees - not so many present now, but still busy in the fence rows.
Savannah Sparrows in stubble field. 3 flew into rose clump beside the railroad tracks, and perched on the upper twigs. A meadowlark flew in with a rush to chase them away from this clump.
Oregon Juncos still in flocks of 25-50. Feeding in fence rows, and on the ground
Golden-crowned Sparrows - saw 30 or 40 in fence row thickets, and feeding on the ground.
Song Sparrows here and there, singing.

Mar. 25, 1948 - Corvallis -
Evening grackles - Still scattered individuals flying about
Robins - still flying to night roost in hills N. of town. - 6 p.m.
Purple Finch - been around the campus most of winter. Several have been singing past month.

March 26, 1948, Oak Ridge, 2 miles NW of Corvallis, S slope - 1400-1615 -Ovc/
The first warm day we've had !

Vulture - circling over the ridge

Redtail Hawks - a pair circling over the ridge above me, crying at short intervals. They kept this up all the time I was clambering over the ridge, and finally they came closer as I went down an oper slope, one of the birds setting its wings, and swooping in from at least ½-mile away, but pulled out and hovered about 50 feet above me, screaming all the time. I suspected a nearby nest, but couldn't spot one, so sat down and waited, watching the two hawks "talk to each other" with a set of notes (barking-like) entirely new to me, as they made partial contact, but they eventually circled way up and went over the ridge, and then I happened to look below me, and there was the nest. In a clump of ash and ~~cottonwoods~~ on a flat ledge at the very base of this steep open slope was the nest, about 45-50' up in a ~~Cottonwood~~ (about 22" DBH). As I was above the nest I could see something white, but it was so far away I couldn't tell if it was a downy young, or eggs. I will check later with more powerful glasses. The parents were not in the area all the rest of the time I was there.

Valley Quail in thicket of rose and willow on open pasture slope - creek thru it.

Pheasants - flushed several from the top of a ridge, under a clump of oaks. One cock crowed from an oak slope later in the afternoon.

Flickers - feeding on boggy ground in the open flats below the hill.

Pileated Woodpecker workings common in the ~~cottonwood~~-ash swamp area, particularly in the very rotten snags. Work observed a few feet and 35 feet above ground. photo taken. Winter workings, for they were reasonably fresh.

NW Red-breasted Sapsucker - working the ash and maple

Crows - calling from the fields below the hill, and a few flew over, in westerly direction

Slender-billed Nuthatch - usual calls, together with spring song.

Robins - a few in the oaks, and on open pasture slopes

Varied Thrush - one in the swamp brush on the ledge of the south hill slope

W. Bluebirds - a few calling and perched in tops of oaks

Ruby-crowned Kinglet - in maple thicket in swampy area under cottonwoods and oaks

Audubon Warblers - scattered singles and pairs working the oaks, call notes and songs.

Meadowlarks - singing from the ground, posts, and oak trees

Purple Finches - 4 or 5 of them perched silently in top of an oak at 2 p.m.

Juncos - many working the brushy slopes, and I observed one courtingpair in a clump of oak near the Fox den. New songs and notes were heard, and each time the one (male?) would approach, the female would utter another set of notes, and hop or fly away. They eventually parted, while I watched. No contact made.

Song Sparrows - a couple in sedge clumps on marshy area.

March 26, 1948, Corvallis

W. Evening Grosbeaks - flocks in maples and elms on the campus this a.m. Calling

Rufous Hummingbird - heard the first one of the year, just like last year, in my own back yard. I looked out, and it was hovering over the Oregon Grape

March 27, 1948, Oak Ridge 2 mi. NW of Corvallis, 1400-1615 , Brkn,thin/ warm, calm

5 Vultures circling together, and 2 Redtails circling above them dive-bombed them as they approached the vicinity of the Redtail nest sight.

Redtail Hawks - the two chased off the vultures, and soon a third Redtail joined them & they circled and sailed around, but no conflicts ensued - they all moved west over the ridge, and we climbed the hill above the nest, but even with 32X magnification we could detect no eggs, or young. Inasmuch as courting activities were observed yesterday, perhaps nesting has not begun for this pair.

Valley Quail in willow-rose bush thicket by a small creek

Pheasants - several crowed just as a blasting explosion occured.

Killdeer - a few

Flicker

Red-breasted Sapsucker working the alder

W. Crows - 15 or 20 seen - not together - feeding infields

Oregon Chickadees - in willow and alder-ash area

Robins - a few feeding on the soggy ground

W. Bluebirds - calling and flying over, and perched in tops of oak

Audubon Warblers - calling and singing Meadowlarks singing a lot

Evening Grosbeaks - a couple flew over, calling Oregon Juncos - a few.

March 30, 1948, Corvallis to 12-mile Swamp, 1310-1330, 20 Ovc RW- calm, 60°F

Mallards - 7 F and 1 M in roadside ditch and they were quite tame Brewer Blkbd - 16
Marsh Hawk - 1 Pheasant - 4 Flicker - 2 Meadowlark - 4
Sparrow Hawk - 4 Killdeer - 1 Robin - 7 Audubon Warb.-1

AND RETURN 1415-1435 30 Brkn, RW- 55°F W 6-12

Canada Geese - 25-30 Redtail Hawk - 1 Killdeer - 1 Crow - 1 chasing Redtail
Mallards - 2 Sparrow Hawk - 1 Flicker - 5 Robin - 7
Vultures - 5 Pheasants - 15 Violet-gr. Swallow- 1 Meadowlark - 8
Br. Blkbds - 76

March 30, 1948, 12-mile Swamp, Corvallis, Benton Co. 1330-1415, 20 Ovc-Brkn, RW-, 55-65°F, W - 3-18 Water down 18" from last time.

Blue Herons - a couple out in the swamp, feeding
American Bittern - first one since that early record in February. Flushed from open wet spot among tall sedges, etc.
Lesser Canada Geese - at least 6 0 total in the area, together with a few Cackling Geese (10-15).
Mallards - seemed to be well distributed over all the swamp area. At least 350 pairs, as they were mostly paired up, and about equal distribution of sexes.
Baldpates - about 10 or 15 is all that were seen
Pintails - there were about 125 or so birds, and all seemed to be about paired up. Some pairs were even resting side by side with their bills tucked underwing.
Green-winged Teal - perhaps 300 or so birds in a couple of main flocks.
Shovellers - There was a predominance of males and 1st year males, but there was a limited amount of pairing up. Perhaps 50 pairs, and 200 single birds seen. All these ducks were scattered over the swamp area.
Lesser Scaup - just one observed feeding in 2' of water.
Buffleheads - 4 immatures, or females, probably the latter. Takeoff distance, 5-7 feet
Ruddy Ducks - at least a total of 10 were seen. I saw none in full male plumage.
Vultures - several individuals and small groups circled over the area.
W. Redtail - just one seen
Marsh Hawk - both a M and a F were seen along the east side at different times.
Sparrow Hawk - just one along east side.
Pheasants - a few in field along east side.
Coots - perhaps a couple of hundred scattered over the entire swamp area.
Killdeer - a couple
Wilson Snipe - a few in marshy areas around the swamp, and 50-60 flushed in north field.
Greater Yellowlegs - just one near spot of late record last fall.
Flicker - a few
Horned Larks - in east-side field. Calling and some singing
Violet-green Swallow - 75 to 100 over the swamp area, some circling very high.
Tree Swallows - saw quite a few the latter part of the time we were at the swamp.
W. Crow - a couple flew over.
Oregon Chickadees - working ash fence row
Seattle Wren - singing song new to me - thought was a part of Song Sparrow Song.
Tule Wrens - several scolding, and "bubbling" around the swamp area.
Robins
Pipits - a few flew over
NW Shrike - perched on wire line where I saw it one week ago.
Audubon Warblers - not many present this time. Working ash trees as before.
Meadowlarks - singing
Redwings were present when we arrived. No demonstration of territories, etc. yet.
Oregon Towhees
Oregon Juncos in small flock in ash fence row.
Golden-crowned Sparrow - just one seen near cabin - may be the last one to leave.
Song Sparrows here and there in brush areas and fence rows.

April 4, 1948, Poison Oak Lake, Linne Co., E of Corvallis - 1130-1210, SW15-30, RW- 45°F.

Sparrow Hawk - one at 30 feet over field, trying to buck 30 mph wind, and losing ground. It had to drop groundward fre quently .
Pheasants - flushed two pairs from wood and brush area.
Killdeer - in stubble field
Wilson Snipe - flushed one from boggy field
Rufous Hummingbird - along fence row at hiway.
Flicker - calling from high fir.
Olive-sided Flycatcher - heard 1 calling from cottonwoods near Willamette R., off east end of Corvallis bridge.
Violet-green Swallow - a few over the timber and fields.
Cliff Swallow - saw just one beating back and forth low over a green wheat field. It came within 25 feet of me, to the north, so I had a good view.
Oregon Chickadees - a few in flock. Working firs, mostly.
Bush Tits - in with flock - coulan't count the numbers.
W. Bluebirds - flying over, and calling.
~~Audu~~/ Ruby-crowned Kinglets - quite a few in qith flock of Audubons and Ore. Chickadees
Audubon Warblers - aculs and immatures in flock with other species.
W. Meadowlark - calling
Oregon Towhees - paired up in brush areas.
Oregon Juncos - a few
Song Sparrows.

April 4, 1948, Owl Creek, Linn Co., SE of Corvallis, 1220-1250, 40-45°F, RW-

Wood Ducks - in slough area under ash and oaks, and firs - 3 or 4 of them
Vulture - circling over
Rufous Hummingbird - working scattered Fll-flowering Currant
Red-breasted Sapsucker - 1, possibly in flock association.to be described.
For the first time I have had what must be a similar feeling to that of an ornithologist in the eastern states during the height of the warbler migration, because in the oak-ash-fir Owl-creek habitat this noon I was thrilled for many minutes (till I decided to move on) to find myself with hundreds of birds all around me, feeding, many within arms reach, and all entirely oblivious to my presence There was one
Stellar Jay in their midst, and
Oregon Chickadees numbered from 50 to 75, at least. And
Red-breasted Nuthatches - 4 or 5 were seen. A few local
Winter Wrens got excited with all the other birds present, and also a
Seattle Wren was in with the bunch. And
Hermit Thrush - just one of these stayed in the lower story of brush inthe feeding area.
Ruby-crowned Kinglets - there must have been over 100 of them, together with
Golden-crown Kinglets, which were less numbrous, about 50to 60 in number. And the
Audubon Warbler made up the bulk of the feeding flock. There were well over 300 of the birds, for without turning my eyes at all,I could see at least 2 dozen close in, and the flock extended for at least 100 feet in all directions from me. A few were full adults, but more were immatures, just getting their adult dress. They were quite curious of my whistling, and approached very closely.
W. Meadowlark - heard singing.
Evening Grosbeaks - flew over (Also many more on the OSC campus now, since the leaf buds are beginning to come out).
Song Sparrow
Oregon Towhee - just 2 seen.

April 4, 1948, "Davis Lake", Owl Cr., SE of Corvallis - 1300-1330, SW10-25, RW-

2 Mallards flushed, 1 Ring-neck male, and a pair of Wood Ducks from this lake.
Flicker - pair courting from top of 35' 10" D. Fir snag in cut-over area.
Red-breasted Sapsucker - 1 in with winter flock which was almost as large as the other.
Oregon Chickadees - in with
Ruby-crowned Kinglets, and
Golden-crowned Kinglets, and 1
Lutescent Warbler was in with them.
Audubon Warbler - 100-125 in this flock.
Meadowlark calling
Chipping Sparrow calling from fir snag in cut-ove
Song Sparrow

OVER OVER

April 4, 1948, 2 miles W of Corvallis, Oak Creek. 2 p.m. 10 Ovc, W 20-30, R-S-A- !.

Killdeer nest reported by Geo. Hint on March 22 is now empty. No egg shells found
Mourning Dove - pair on fence
Raven - 3 flew over area.

April 5, 1948 - 2 p.m. — 410 N 16 - Corvallis
8 House Finches in apple tree in — back yard.

April 5, 1948, ½-mile W of Adair Village, Benton Co., 3 p.m.

Feb. 29

Dusky Horned Owl - Charley Cutress took me to a nest he had spotted about ___, at which time 2 eggs were present. The "nest" is the open top of a snapped-off Douglas Fir 2½' dia., open on top, and to the east, but "walled in" to the north, west, and south. Height about 25 feet. The snag was is a quite open site in old burn and logged-over area, with only a few scattered tall D. Firs in the area, the nearest some 100 feet away. The snag was on a NNE slope, slightly sheltered by the ridge to the south of it. We could spot the nest over a ¼-mile away, and the female was in the niche with the young, but left before we were 1/8 mile away, at least. It stayed in the D. Fir woods nearby and made no sounds until we got to the snag. Then a few "who's" were emitted. As Charley went up the ladder to the nest, both parents started giving various scolding and call notes, one of which was like a "bark"; another not unlike one note the Black-billed Magpie emits. Also they chattered their bills, and the young bird gave a deeper cracking noisy with its bill as we brought the bird to the ground. Its eye sight seemed quite poor, and it observed only bright things in front of its eyes, and fast movements not over a foot or so away. Tarsus was almost fully developed, and down-covered. Iris, bright yellow. Contour feathers developing, and primaries to 2½" of feather vane already exposed. Much "powder" present. Length about 10-12". Banded it with size 8, #44-812061. Both parents were in firs less than 100 feet away, the big, dark male with the clean white chin patch usually quite, but occasionally "who-ing" a little. The female was not quite as large, and was almost a gray-tan, rather than the darker gray-brown of the male. She gave the barking calls previously mentioned. Much feces was on the snag about the top of the nest, and a few recently-acquired pheasant feathers were caught on the sides of the snag, and on the ground around the snag - it was a hen bird. About 50 feet to the east was a 12-15" D. Fir in which an adult bird must roost, for numberous pellets were on the ground around the nest. The more recent ones had such things as the full foot of a pheasant in them. Others the crushed and broken femur, and in another was a part of a pelvis. The adults did not return directly to the nest, altho it began to rain as we left.

Feb. 29 (1948) The young hatched March 7, 1948

Band-tailed Pigeons - a pair flew across the hiway into the oak woods near Adair village.

Dusky Horned Owl - two in one day is too much, but on the hill to the south of Coffin Butte we spotted an old Redtail Hawk nest 40± feet up in a Big-leaf Maple (buds just breaking), on an open east slope, not over ¼-mile from the highway. The tree stood by itself. Charley clapped his hands and a bird stretched its wings and tail - another horned owl - it flew off presently, flying into the oaks on top of the hill to the west. I climbed to the nest and found, unfortunately, two eggs about 10-12 incubation. Too bad, I wanted to band them. We left then, and went on over the hill, having not attracted both of the owls, only one calling occasionally while I was up the tree. About 15-20 minutes later we returned, and the owl was again on the nest, tho we had taken the eggs.

Red-tail Hawk - checked a nest at 30-35 feet in a maple on a north slope, at the lower edge of the oak and brush belt, ½-way up the slope. No sign of life, yet. In this clump of maples was one dead snag, riddled with large holes. In the very top, some 18 feet up, was a nest of flying squirrels. We saw 3 of them. There may have been more.

McFADDEN'S MARSH, BROOK [illegible], [illegible] CO., OR.

April 10, 1949 09:00 to 12:00
Weather: Cloudy
Observers: McAllister, Merl Payne, Marshall

848

Blue Heron
Canada Goose - Probably about ~~4pp1~~ 400 is all we s w.
White-fronted Goose - Flushed three off the far south pond.
Mallard - In rather small numbers, probably about 150.
Baldpate - two flew over.
Pintail - around 200.
Green-winged Teal - Mostly in the field to the north. In large numbers.
Shoveller - around 200.
Wood Duck - Flushed one or two from the ponds between Muddy Cr. and the swamp.
Scaup - Tom spotted one in the main pond.
Buffle-head - Two female in the main pond.
Ruddy-Duck - Saw only ~~//////////~~ three, one a male.
Turkey Vulture
Sharp-shinned Hawk - One over Muddy Cr.
Marsh Hawk - One male.
Sparrow Hawk
Ring-necked Pheasant - Heard one.
Virginia Rail - Tom said he heard one several times in the sedge near the swamp outlet.
Amer. Coot 75
Killdeer
Wilson's Snipe - Flushed only one in the area, but didn't tramp over the field to the north.
Greater Yellow-legs - At least four or five in the area.
Long-billed Dowitcher - Flushed three from ~~//////////~~ near the ponds edge near the horse barn.
Flicker
Horned Lark - Singing in the field east of the south ponds.
Violet-Green Swallow
Tree Swallow } Swallows were in one of the heaviest concen-
Cliff Swallow } trations that I've seen anywhere.
Western Crow.
Oregon Chickadee
Bushtit - In the ash and spirea at the south end.
Seattle Wren
Tule Wren
Robin
Varied Thrush - In the oak and brush along Muddy Cr.
Amer Pipit - flying over
Audubon's Warbler
Lutescent Warbler - We didn't see this one, but we are sure of it from its song, a trill with the pitch rising and then lowering abo t a step.
Red-wing
Oregon Towhee
White-crowned Sparrow
Song Sparrow

D.B. Marshall

April 13, 1948
Oak-fir hills 3 miles W. of 12-mile Swamp, Benton,Co., 1340-1515, Clear, calm, 70°F.

Vulture circling over
Redtail Hawks - 2 seen
Ruffed Grouse - in clearing in oak-fir area
Blue Grouse - hooting on ridge top in old-growth fir
Band-tailed Pigeon - 1 perched in top of small D. Fir on south slope.
Rufous Hummingbird - a couple in the area.
Flickers - 2 calling, and one calling was answered by a
Pileated Woodpecker - which we later saw clinging to the NE side of a 15" D. Fir, in cleared, logged, and partial oak area.
Violet-green Swallows over area.
Coast Jays - a few in the fir woods, imitating Redtails, and up to 8 or 10 in brush fence rows on down the hill in oak area, all in one flock
Oregon Chickadees working oak and fir on ridge-top.
Red-breasted Nuthatch - several seen and heard, usually with Kinglets
Winter Wren - a couple giving scold notes.
Seattle Wren - one singing "Song Sparrow" notes.
Varied Thrush - 2 or 3 pair in the deeper oak-fir woods, usually seen in fir.
Ruby-crowned Kinglet - a few in brush areas.
Golden-crowned Kinglets - flocks still found working the Fir tree tops.
Hutton Vireo - one calling in oak-fir area - first I've heard this year.
Lutescent Warbler - a couple calling, and later saw a pair in an oak tree.
Audubon Warbler - very few, and a couple singing.
Evening Grosbeak - heard just one over fir area.
Oregon Towhee - quite a few in the brush areas, and some trilling
Oregon Junco - in cleared area on ridge-top, working brush piles, oaks, etc.
White-crowned Sparrows - in rose-fir thickets on open hillsides

April 13, 1948, 12-mile Swamp, 1515-1730, -Ø/ to -Ovc/(As) at 18,000, Warm, Calm.

Blue Heron - one individual seen a couple of times at the north end.
Lesser Canada Geese - probably about 500 at the south end at our "lake".
Mallards - maybe 50 altogether, most paired up. One nest found that was already completed (? ??) Tom found an egg opened 1/3 of length, shell membrane still present, so perhaps it was predation. Another duck nest found completed, but with no sign of the birds around. Made of fresh stems of Carex oregonensis, close to the N side of a large clump of it, with the "alley" to the north about 4 feet or so.
Pintails - 20 or 25 pair seen in the north half.
Green-winged Teal - several small flocks of 6 to 2 dozen, and up to 150 at north end.
Cinnamon Teal - one male in open water to east of island just north of road.
Shovellers - quite a few, perhaps 50 to 75 birds altogether.
Wood Ducks - number?, but they were calling loudly from oak-ash along west side.
American Goldeneye - About 1700 I spotted this one bird swimming with a flock of Coots along the west side. Light was wrong so we didn't make a certain identity, other than "Golden-eye" until we flushed it, and it flew north, to the east of us, when the greenish-glint to the head, and the roundish white spot were plainly seen.
Ruddy Duck - just 4 were seen, male not in full plumage yet.
American Merganser (?) - just a short glimpse of this very large duck, with a very dark head, light below, and with large white wing speculums. Could be nothing else. Flushed from east side towards north end, in not over 3 feet of water.
Vultures - circling over nearby fields
W. Redtail Hawks - a couple of pairs circling, and one single seen later.
Marsh Hawk - female over swamp area, chased by Redwings, and Yellowlegs flushed under it.
Virginia Rail - flushed one in open NE end, and later saw others, and heard many call notes in NW area. Found one new platform nest in first stages of construction.
Coots - perhaps 75 to 100 birds in north half.
Killdeer - one in road acted as if nest was present, but we didn't find eggs or young.
Wilson Snipe - flushed a dozen or so along marsh area just north of the cabin.
Yellowlegs - 1 single in usual place near the barn, and a flight of 12 from north end.

OVER

April 15 continued - 12-mile Swamp:

Mourning Dove - just one flew over
Horned Larks - a pair chasing each other over east field.
Violet-green Swallows - quite a few over swamp area, many nesting, quite high.
Cliff Swallows - only a couple seen.
W. Crows - several flew over south end.
Bush Tits - in brush at north end, below island.
Tule Wrens - scolding and singing over most of the swamp area, but with a particular concentration to the north of the north island, west of the beaver dam. Seemed to be at least one bird to every clump-area of sedge. Many old nests found, and one newly constructed one also found in Carex oregonensis at about 2½ feet.
Audubon Warbler - just a couple of singular notes heard from ash area.
Pacific Yellowthroat - Dave and I both heard it in the west side ash-oak area at 5 p.m.
W. Meadowlarks singing from the ground and various perches in fields nearby.
NW Redwings - many present, and well-scattered over swamp area, but not a single nest was found under construction, or completed.
Brewer Blackbirds - in marshy field along east side - 25 or 30 of them.
Savannah Sparrows - a small flock at RR crossing, feeding in gravel area, others in Carex clumps and Daucus field along east side of swamp.
White-crowned Sparrows - still some in fence rows, etc. A couple of songs heard.
Song Sparrow - in brush, and one dusting in gravel road.

Apr. 16, 1948 - 7 a.m. - Corvallis

Cackling Geese flying north - about 75 seen.
Chipping Spas - several around today -- only one seen before.

McFADDEN'S [illegible], 12 miles S. Corvallis, Benton Co., Ore.

April 14, 1948 13:00 to 17:00
Weather: Scattered clouds /// to overcast

Blue Heron,
American Bittern - Flushed one where the board walk crosses side of the area south of the road. Later flushed one in the sedge and ash near the southwest corner of the area.
Canada Geese - I thought most of the geese had left, but today their numbers probably ran between 2,000 and 3,000.
Mallards - No change from yesterday
Baldpate - Heard their call notes.
Pintails - No change from yesterday
Green-winged Teal - About 100
Cinnamon Teal - One male again in the main pond.
Shoveller - About the same as yesterday
Bufflehead - One male and one female which continually shifting from one place to another.
Turkey Vulture
Western Red-tail
Sharp-shinned Hawk - Along Muddy Cr. at first and then along the fence between the field and the main pond to the S. The blackbird raised quite a collection over the hawks presence.
Marsh Hawk
Ruffed Grouse - Flushed one from the ash in the NW corner of the area.
Ring-necked Pheasant
Virginia Rail - Flushed one in the heavy sedge south of the main swamp outlet.
American Coot - same as yesterday
Killdeer
Greater Yellowlegs - Just the one by the Hourse barn.
Wilson's Snipe - In the north field
Horned Owl - Watched a pair of them flap and flutter from ash to ash about 600 feet south of the Muddy Cr. bridge. They were quite cooperative in letting us observe them.
Rufous Hummingbird - Near McFadden's dam.
Violet-Green Swallow
Tree Swallow
Western Crow
Oregon Chickadee
Seattle Wren
Robin
Varied Thrush - On the island in the main pond.
Pipit - A small flock flew over
Audubon's Warbler
Pacific Yellow-throat - Heard one from same place as yesterday.
Red-wings
Purple Finch
Oregon Towhee
Savannah Sparrows - In the sedge south of the Muddy Cr. crossing and in the north field.
White-crowned Sparrow
Song Sparrow
Ruddy Duck - Only one
Tule Wrens

4-17-48 = Mt. Tabor Park, Portland — Cassin's Vireo

April 18, 1948, Avery Park, Corvallis, 0910-0950, [illegible], calm, [illegible].

Pheasant - crowing in the woods
Flicker - just one heard.
Gairdner Woodpecker - one in old-growth fir area, working on maple.
Red-breasted Sapsucker - one working horizontal maple limb, in open area.
Violet-green Swallow - many over the tree tops.
Winter Wrens - singing here and there. One pair singing and shivering wings at same time, on pile of brush just 5 feet from me.
Robin - a few -
Varied Thrush - just one seen about 30 feet up in maple at edge of fir woods.
Russet-backed Thrush - last year's nest at 8½ feet in maple in open old growth fir, quite a brush thicket just below the nest tree.
Audubon Warblers - several pairs seen, but no nests found.
Evening Grosbeaks - a few flew over
Purple Finches - singing here and there.
Pine Siskins - a few in fir-maple area.
Oregon Towhees - pretty quiet
Oregon Juncos - quite a few in woods and brush, and open areas.
Chipping Sparrows - several heard, and others in top perches of ash trees.
Song Sparrows singing

April 18, 1948, Government Island, Columbia R., near Portland (Dave Marshall)

Redtail Hawk - nest at 80' in large cottonwood at southeast [illegible] of grove. Adults nearby, scolding. Droppings on ground under nest.
Killdeer - Found adult bird scolding and feigning. Then Tom McC. found a young one lying flat, motionless and well camoflauged in the soil. After considerable looking we found two more young ones in same manner. All within 8' radius. Walked away and watched 4 young ones slowly make their way to breast feathers of adult. Yellow tip on end of bill
Rough-winged Swallow seen
Cliff Swallows - lots of them gathering mud and starting nests on buildings.
Savannah Sparrows singing.

April 19, 1948, Avery Park, Corvallis.
Cassin's Vireo
Silver → Pheasant nest on W base of D. Fir in brush and grass. 1 pheasant egg and 8 of her own.

Apr. 19, 1949 - Anthony Green Heron on stump + log of Owl Creek, Linn Co, 2 miles E of Corvallis
1255-1315 + 1700-1715

April 20, 1948 Corvallis - 13-mile Swamp:

Vultures	Flicker	Bluebirds	Purple Finch
Sparrow Hawks	Violet-green Swallows	Audubon Warbler	Savannah Sparrow
Pheasant	Cliff Swallows	Pacific Yellowthroat	Juncos
Killdeer	Crow	Meadowlark	White-crowned Sp
Wilson Snipe	Robin	Redwings	Song Sparrow
Mourning Dove		Brewer Blackbird	

April 20, 1948 - 12-mile Swamp, 1315-1700, Warm, calm, 50 ∅ to Brkn.

Blue Heron - just one seen
Lesser Canada Geese - about 50 at the south end.
Cackling Geese - between 25 and 30 at south end.
Mallards - some pairs, and one pair seemed to be nesting, but we didn't locate the nest. also scattered small flocks of 6 to 10 birds. Total 25 or so
Baldpate - just one pair seen at the south end.
Pintail - 25 or 30 pairs scattered over the area, and some in a flock of 24 - 30 or so.
Green-winged Teal - [illegible] pairs, [illegible] in pretty large flocks yet. [illegible] of about 350 birds were seen.
Cinnamon Teal - one male seen with ~~green~~ blue wings at north end. At south end, we saw a female or immature that could be either this species, or the Blue-winged Teal.
Shovellers - about equally divided sexes. about 50-75 birds in the area, many appeared to be paired up.
American Golden-eye - I spotted this one again, in mid-swamp, about 2 p.m. at north end. no other ducks around. White face spot showed up plainly.
Ruddy Ducks - males getting full plumage now. saw one group of 4.
Turkey Vulture - quite a few circling over the area this p.m.
Sharp-shinned Hawk - just one seen.
Marsh Hawk - pair over field just north of the swamp.
Osprey - one down in sedges at south end. flushed with three sharp "jeep" 's and flew south a little before climbing. Dave and I were both fooled on it for a while !
Sparrow Hawks - over damp pasture area on east side.
Pheasants - crowing, especially when any blasting, near or far, took place.
Virginia Rail - seem to be quite a few in the area. I'd estimate at least 10 pairs, and I'm sure we didn't hear or see them all. Nest begun last week still in same condition. Found another nest, near the cabin, in Carex obnupta. Plant material still wet. About 8" over water. Cup 3" deep and 4-5" in diameter. At NW corner we found a grass platform about 3 feet up in small ash, in Carex clump, which we can't figure out, [illegible] over (Coot!)
Coots - still present in numbers, and small flocks - about 100 I'd say.
Killdeer in wet pasture on east side.
Greater Yellow-legs - 3 at usual place near horse barn. Flocks flying here and there most of the p.m. Up to 18 in one flock, and 6 others seen not far away.
Least Sandpipers - small flocks dashing here and there. Up to 30 or 35 in biggest flock.
California Gull - 2 of them flew slowly, and low across the swamp, from south to north.
Rufous hummingbird - just one seen
Flicker - calling
Violet-green Swallows - circling high at first, but down to water in late p.m.
Tree Swallows - same habits, but not as abundant as the Violet-greens.
Cliff Swallows - same habits, but not too many seen. Low over water, and fields.
Purple Martin - Dave kept hearing them, and I thought I spotted a couple early in the p.m. but we didn't prove this till about 330 p.m., when one dropped down plenty low, from the very high altitude they had been circling and feeding on.
Ravens - 3 flew over swamp.
W. Crow - 2 in tree at south end, at edge of pasture area, others heard calling.
Bush Tit - a single one in a brush clump, on south island, in pasture area.
Seattle Wrens - in fence row near cabin
Tule Wren - They seemed to be everywhere. Many old nests found, and some new ones, too.
One at 3' in Spirea in Carex clump.
One in Spirea in Carex clump at 4'
4 nest in 7' radius - 1 old and 3 new at 3' to 4½' in Spirea, Carex below.
Two 3' off water in Spirea in Carex clump, Complete.

Robin - a few
Lutescent Warbler - one in fence row at cabin corner.
Pacific Yellowthroats - quite com on in the area now. Calls everywhere. I squeezed one up into a bush I was standing by. It was in the brush over water.

April 20th continued:

Meadowlark - singing on fence posts and wire lines.
Redwing - although there were quite a few birds in the area, there were not many nests found underway.

1. base only, in Carex obnupta at 5" over water.
2. one at 18" in Spirea douglasii - wet inside
3. one not quite complete, made of lichens in Carex ob. at 14"
4. one complete, and dry at 2½ feet in Carex.
5. one at 3' in "Reed Canary Grass" - under Spirea. nest wet inside.
6. one complete, wet, in Carex, 2' off water, water depth 1'.
7. one complete, wet, in Carex, 1' off water where water depth was
8. 9". Of Carex and grass construction.
8. one complete, wet, in Spirea douglasii, 2½' off water where
10. water depth was 1'.

Brewer Blackbirds - quite a few seen. Along road in, they seem to be paired up.
Savannah Sparrow - in fence row by the cabin. Yellow on head showed well.
White-crowned Sparrow - a few in clump of apple near the cabin.
Song Sparrows - singing here and there.

Virginia rail (additional nest) Platform made from Carex 2" above water in Carex clump. water depth at nest 6".

April 21, 1948, Owl Creek, Linn Co., 2 miles E of Corvallis. 4 p.m.

Mallard ? ? ? nest on pile of dry grass left on some branches by high water. Nest about 15" over water on horizontal snag that had two connections to the north bank of the creek. Cavity about 8" - 9" in diameter, and about 2½-3" deep. Quite a bit of small pieces of down lining and around the nest. The nest had been raided, probably by a coon(or skunk), and the empty eggs (6 or 7) were in a pile on the grass about a foot from the nest cavity. The eggs were a greenish white, averaging 2 1/4" x 1 5/8" in size. They were all opened on the side, near one end, and a few at both ends. Claw tip marks could be seen inside the shell.

Kingfisher

April 25, 1948, 12-mile Swamp, 0001-0200 hr. SW 5-12, near full moon occasionally
Shoveller - one flew over from north to south end
Killdeer - pair flushed from the gravel road, and it flew off a ways before calling.
Screech Owl - one calling in south end. (Barred Owl)
Tule Wren - one singing just one in south end.

April 25, 1948, Avery Park - 11-1200, Hail, rain showers, and sun, and NW 5-8

Green Heron	Chinese Pheasant	Cliff Swallow
Mallard	Killdeer	W. Crow
Vulture	Hummingbird	Ore. Chickadee
Bob-white	Kingfisher	Red-brstd Nuthatch
Valley Quail - 5	Flicker	Calif. Creepers
Pheasant? hen on nest, pics	Violet-green Swallow	Seattle Wren

Robin
Ruby-crowned Kinglet
W. Bluebirds
Audubon Warbler
Pacific Yellowthroat
Cassin Vireo
Lutescent Warbler
Oregon JUnco
Song Sparrow

Apr. 26, 1948 - Corvallis
Evening grosbeaks - everywhere in small flocks, in trees + on lawns
Pine Siskins - flocks seen frequently past weeks
Gr.-back goldfinch - " " " " " " .

May 1, 1948, Oak Creek, W of Corvallis, 0500-0700 , cool, calm, clear.

Sooty Grouse	Seattle Wren	Purple Finch
Pheasant	Robin	Pine Siskins
Killdeer	Ruby-crowned Kinglet	Oregon Towhee
Rufous Hummingbird	Cassin's Vireo	Vesper Sparrow
Flicker	Lutescent Warbler	Chipping Sparrow
Little Flycatcher	Audubon Warbler	Oregon Juncos
Pileated Woodpecker	Black-throated Gray Warb.	Golden-crowned Sparrow
Violet-green Swallow	MacGillivray's Warbler	White-crowned Sparrow
Stellar's Jay	Pileolated Warbler	Song Sparrow
Long-tailed Jay	Pacific Yellowthroat	
W. Crow	W. Meadowlark	
Oregon Chickadee	Brewer Blackbird	35 species by
Chestnut-backed Chickadee	W. Evening Grosbeaks	Dave Marshall

BUSH TITS

Apr. 21st - 2 pages following!

McFADDEN'S SWAMP, 12 Miles S. Corvallis, Benton Col, Ore.

April 23, 1948 14:00 to 17:30
Weather: Overcast, 60 deg.
Observers: T.H. McAllister, D.B. Marshall

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Candaa Goose - Flushed about 50 of them from the far south pond and then failed to see anymore.
Mallard - Saw perhaps 20, mostly paired.
Pintail - About 30 pairs.
Green-winged Teal - Perhaps 500 in all, mostly in the north field.
Shoveller - About 100 in all, mostly paired.
Buffle-head - One female in the channel running between the two south ponds.
Turkey Vulture
Marsh Hawk - one male
Ring-necked Pheasant
Virginia Rail - Heard one in the heavy growth between the two south ponds. Later saw one where we cross the fence in going along the east edge of the main pond.
American Coot - about 60
Killdeer - the one bird still on the road.
Wilson's Snipe - Walked across the north field and didn't flush a snipe, but flushed one along the main pond.
Western Solitary Sandpiper - Tom spotted this one between a yellow-legs and a Killdeer in a new growth of spike-rush. We watched for some time and got fairly close to it. It teetered for us once, and when it finially flew off it showed us plainly its lengthwise stripe down its tail with black and white cross-bars. It also gave its call-note, which sounded like a spotted sandpiper only higher.
Greater Yellow-legs - There were around 25 in the area with a flock of at least 30 in the north field.
Mourning Dove - One cooing along the east edge of the main pond from the ash.
Violet-Green Swallow
Tree Swallow
Rough-winged Swallow - Saw and heard at least one at the south end. There were probably more of them.
Cliff Swallow
Crows
Oregon Chickadee
Bushtits - In the ash and spires along the board walk.
Seattle Wren
Tule Wren
Robins
Wilson's
Cassin's Vireo - Calling along Soddy Creek across from the north field.
Yellow-throats
Red-wings
Oregon Towhee
White-crowned Sparrows
Golden-crowned Sparrow - One or two in the rose thicket back of the barn.
Song Sparrows
Chipping Sparrows - Several in the ash at the north end.

D.B. Marshall

[illegible] [illegible], 13 MILES SOUTH OF CORVALLIS, BENTON Co., ORE.

April 25, 1948 09:00 to 13:00
Weather: Broken clouds with a rain shower
Observer: L.B. Marshall

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Mallard - Just a few pairs scattered around.
Pintail - Around 20 pairs
Green-winged Teal - Only about 75, mostly in the far south pond.
Shoveller - Around 20 pairs
Wood Duck - Flushed one from the field outlet at the far NW corner of the near b field.
Ruddy Duck - Tom saw one male and two female as he passed through during the afternoon of this same day.
Turkey Vulture - Several circled around all morning.
Sharp-shinned Hawk - One over the creek.
Ring-necked Pheasant - Heard some cocks crowing.
Virginia Rail - Heard rail often on in the swamp and saw a pair together standing in some shallow water. Apparently they didn't know I was around.
Coots.
Killdeer
Wilson's Snipe - Flushed several
Greater Yellow-legs - Saw 25 in one flock in the north field. There was another flock of about 10 and perhaps others.
Horned Owl - Saw [illegible] one come out of the ash between Muddy Cr. and the north field.
Vaux's Swift - Watched one for some time in with a flock of swallows at the south end. After reading Bleke's descriptions of swallow flights in the air I was cautious on this one to be positive that it couldn't be a bank swallow. The small size, peculiar forked tail, wing movement like a bat and typical swift twittering notes gave it away.
Rufous Hummingbird - Along Muddy Cr.
Dairdner Woodpecker - At the swamp outlet in the ash.
Violet-Green Swallow
Tree Swallow
Cliff Swallow
Purple Martin - Right over the north field.
Crows - several went over.
Oregon Chickadee
Bushtit - A pair at the swamp outlet
Slender-billed Nuthatch - In the ash along Muddy Cr.
Seattle Wren
Tule Wren
Robin
Cassin's Vireo - Along Muddy Cr.
Lutescent Warbler - Along Muddy Cr.
Audubon Warbler " " "
Black-throated Gray Warbler - In the ash between the north field and Muddy Cr. First was attracted by a warbler call note which prompted me to look up to see what it was - a beautiful black-throated Gray, which sang several times and was soon joined by another.
Yellow-throats
Pileolated Warbler ? - Sure thought I heard one sing several times across the creek from the swamp outlet, but I failed to see him.
Western Meadowlark - Singing in the field across Muddy Cr.

Over

Red-wings
Purple Finch - Along Muddy Cr.
Ore. Towhee
Savannah Sparrows - North field, several
Vesper Sparrow - Singing in the field across from Muddy Cr.
Chipping Sparrow - In the ash between the north field and Muddy Cr.
White-crowned sparrows - In the Dreteaus thicket north of the cabin.
Golden-crowned Sparrow-one" " " " " " " ".
Song Sparrows
~~Junco - in the field in front of [illegible], several.~~

Fox Sparrow, several observed or looked on both sides of the road.

D.B. Marshall

April 27, 1948, 12-mile Swamp, Benton Co. Oregon. DBM AND THMcA. 13-1630.
Blue Heron
Mallard - small groups of paired birds
Pintail - a few pair left
Greenwinged Teal - a few small flocks left on north end.
Wood Duck - several flew over and lit in among edge of ashand swamp.
Turkey Vulture.
Ring-necked Pheasant - 1 M at triangulation tower
Virginia Rail - calling
Coot - a few left
Greater Yellowlegs - flock of 35. Some with a noticeably darker spring plumage.
Least or Western Sanapipers - small flock flew past
Gairdner's Woodpecker
Violet-green Swallow
Tree Swallow
Cliff Swallow
Raven - 7 flew over south end.
Oregon Chickadee
Seattle Wren
Tule Wren
Robin
Pipit - one lone bird flew over
Cassin's Vireo
Lutescent Warbler
Audubon's Warbler
NW Redwings
Purple Finch
Oregon Towhee
Rusty Song Sparrows.

May 1, 1948, O.S.C. Campus 0455-0515 clear, calm, cool.

Pheasant calling
Little Flycatcher -below Admin. building.
W. Crow calling
Robins
Russet-backed Thrush - in shrubbery and on ground at Apperson Hall.
Audubon Warbler
English Sparrows
W. Meadowlarks
Evening Grosbeaks
Purple Finches
Willow Goldfinches
Oregon Towhees
Chipping Sparrows

13 species

May 1, 1948, Corvallis to McFadden Duck Trap, and to MacDonald Forest.
0520-0545, calm, cool, Ø/

Green Heron
Redtail Hawk
Bobwhite
Valley Quail
Mountain Quail (Mack. For.
Pheasant
Killdeer
Band-tailed Pigeon -
Mourning Dove
Screech Owl - 8 p.m., O.S.C. Campus
Vaux Swift - 7:30 p.m., N. 30th St. (saw 4-27, to)
Rufous Hummingbird
Flicker
Violet-green Swallows
Tree Swallows
Oregon Chickadee
Slender-billed Nuthatches
Robin
Cassin Vireos calling
Lutescent Warblers calling
Audubon Warbler
Pacific Yellowthroats
Meadowlark
Brewer Blackbird
OregonTowhee
Chipping Sparrows
White-crowned Sparrows
Song Sparrow

28 species

MacDonald Forest: 0600-0700, NW-, cool

Blue Grouse hooting
Band-tailed Pigeons common
Mourning Doves cooing
Pileated Woodpecker calling
Rufous Hummers common
Red-breasted Sapsucker
Stellar Jays
Bush Tits
Red-breasted Nuthatch
Winter Wren
Robin
Ruby-crowned Kinglet
Golden-crowned Kinglet
Hutton Vireo
Lutescent Warbler
Audubon Warbler
Black-throated Gray Warbler
Evening Grosbeaks
Purple Finch
Green-backed Goldfinch
Oregon Towhee

21 species

Total On Census before Brkfast = 56 species.

May 1, 1948, Avery Park, 0815-0850, clear, calm, fairly warm.

Pheasant (egg hatching 4-30-48)
Reeve's - incubating /
Rufous Hummingbird
Flicker
WOOD PEWEE - DALE HEARD
Chestnut-backed Chickadee
Slender-billed Nuthatch
Red-breasted Nuthatch
California Creeper singing
Winter Wren
Seattle Wren
Robin
Golden-crn-Kinglet
Cassin Vireo
Lutescent Warbler
Audubon Warbler
Black-thrtd Gray Warb.
MacGillivray's Warbler
Townsend's Warbler
W. Meadowlark
Purple Finches
Pine Siskins
Oregon Towhee
Chipping Sparrow
Oregon Junco
White-crowned Sparrow
Song Sparrow

27 species

May 1, 1948, Corvallis - 12-mile Swamp 085[illegible]-0910

Vulture - Horned Lark - Crow - Meawings.

May 1, 1948, 12-mile Swamp, Corvallis 0910-1130, cool, clear, calm

Blue Heron
Mallards - few
Pintails - very few
Green-winged Teal
Shoveller - no F's
Buffle-heads - 3
American Golden-eye -1 M
Vulture
Marsh Hawk
Pheasants
Sora Rail calling
Virginia Rails
Coots
Killdeer
Wilson Snipe
Greater Yellowlegs - 1 torn breast.
??? "W.Snipe-like" shorebird, but steady straight flight and with a 2-syllable, non-musical note, light
Least Sandpiper
Mourning Love

Rufous Hummingbird
Horned Larks singing
Violet-green Swallows
Tree Swallows - nest 18' in willow; south exposure.
Barn Swallows - 1st of the year
Raven
Seattle Wren - nest in shed.
Tule Wrens common
Robins
Cassin Vireos
Yellow Warblers - singing in willows
Audubon Warbler
Black-throated Gray Warb.
Pacific Yellowthroats common
W. Meadowlarks
Meawings
Purple Finches singing
Savvannah Sparrows
Chipping Sparrows

12-mile Swamp to Fern Ridge, 1130-1230, cool, clear, calm.

Cackling Geese - 50-75 heading north, very high.
Sparrow Hawk
Raven
Oregon Chickadee.

Total census from 5 a.m. to Fern Ridge 86 species
+30 new since breakfast

May 1, 1948, Fern Ridge Reservoir, 1230-1600, cool to warm, calm, and windy, clear.

White Pelicans - 1st 2 of the year
Farallow Cormorants - just a couple seen.
Blue Heron
Mallards - a few, and found nest of 1 pair on NE slope of dike, just 4' below the road atop the dike. Surrounded by tall grasses and weeds. 12-eggs. Took pic.
Lesser Scaups - 2 small rafts of them
Vultures everywhere
Marsh Hawks
Osprey - saw a couple
Sparrow Hawk - just a couple
Bobwhites
Valley Quail
Pheasants
Coot
Killdeer
Spotted Sandpiper
Wilson Snipe
Greater Yellowlegs
Mourning Doves
2 Short-ear ed Owls at S. end
Rufous Hummingbirds
Flickers
Lewis Woodpeckers
Red-breasted Sapsucker
Gairdner's Woodpecker

Horned Larks singing
Violet-green Swallows
Tree Swallows
Barn Swallows
Cliff Swallows gathering mud from puddles
Raven
Crow
Oregon Chickadee
Seattle Wren
Tule Wren
Robin
W. Bluebirds on wire lines
Golden-crowned Kinglets
Cassin Vireo
Lutescent Warbler
Yellow Warbler - south end, in oaks
Audubon Warbler
Black-throated Gray Warbler

MacGillivray's Warbler
English Sparrow
W. Meadowlarks
Yellow-headed Blackbirds - at least 3 Males and 2 females seen.
Redwings here and there
Brewer Blackbirds - 1 M with 1 white tail feather on left side.
Purple Finches
House Finches
Pine Siskins
Willow Goldfinches
Oregon Towhee
Savannah Sparrows
Chipping Sparrows
Juncos
Vesper Sparrows
White-crowned Sparrows
Song Sparrows

59 species

11 added here, not seen previously
Grand total for day = 97 species incl. Ring-necked Pheasant

May 6, 1948, Corvallis, 2 blocks to breakfast and return, 645-700 a.m.

Rufous Hummingbird
Flicker
Little Flycatcher
Violet-green Swallow
Seattle Wren
Robin

Cassin's Vireo
Lutescent Warbler - common
Yellow Warbler - common
MacGillivray's Warbler
English Sparrow
Purple Finch

EVENING GROSBEAKS

House Finch
Willow Goldfinch
Pine Siskin
Junco
Song Sparrow

[illegible]'s Slough, 15 miles South of Corvallis, Benton Co., Or.

May 4, 1940, 15:00 - 17:00
Weather - overcast

Following list includes what could be seen from bridge and road only for north side. The South side only was visited.

Blue Heron - one standing in main pond.
Mallard - Saw about six pairs around alligators.
Pintail - Several at least in main pond.
Green-winged Teal - About 15 in large south pond.
Shoveller - about 10 pairs.
Wood Duck - Flushed one at SW corner of area
Buffle-head - Counted seven, only one male, in main pond.
Turkey Vulture
Ruffed Grouse - In ash along Muddy Creek between bridge and NW Corner.
Bob-white - Heard one in the fields west of Muddy Cr.
Ring-necked Pheasant
Coot -
Wilson Snipe - Heard one winnowing several times.
Horned Owl - In the ash south of the Muddy Cr. bridge. Individual being chased and attacked by a crow.
Violet-Green Swallow
Tree Swallow
Crow
Oregon Chickadee
Seattle Wren
Tule Wren
Robin
Cassin's Vireo
Intescent Warbler
Yellow Warbler - Up to full summertime strength. Singing everywhere.
Audubon Warbler - Singing in the ash along the creek.
Black-throated Warbler - As above.
Yellow-throat
Lilecated Warbler - Saw one pair and heard another one singing along the creek.
W. Meadowlark - in field west of creek.
RW Red-wings
Purple Finch
Chipping Sparrow
Song Sparrow

D.B. Marshall

May 8, 1948, 410 N. 16th St., Corvallis, Ore. 830 a.m. 20 Ovc, no rain yet. 40°F.

Talk about wonderful things happening all at once ! Mrs. Kingwell saw a lot of strange birds in the back yard, [illegible] LITTLE FLYCATCHER [illegible] what they were. I looked out my bedroom window and there in the apple tree were Purple Finches, Willow Goldfinches, Pine Siskins, a beautiful male Western Tanager, and a Black-headed Grosbeak. the latter two were first arrivals for this spring ! ! Talk about luck !

May 8, 1948, US 99 W - Camp Adair - Lazuli Buntings - 2 on wire lines by hiway.

May 9, 1948, Pudding River, Woodburn, Ore. 0730-0930 52°F, 20 Ovc, calm.

Blue Heron — CACKLING GEESE - 60-75 to NW
Wood Duck pair
Hooded Merganser M
Vulture
Pheasants crowing
Band-tailed Pigeon
Mourning Love
Vaux Swift
Kingfisher- 1
Flicker
Red-breasted Sapsucker - several in area. - no nest.
Harris Woodpecker - 1 working tall dead snag

Rufous Hummingbird - started hovering near top of 60 foot cedar, and I watched him slowly drop lower, till he reached the bottom, checking each hole made by the Red-breasted Sapsucker workings - looking for sap, I guess?????

Little Flycatchers
Wood Pewee
Olive-sided Flycatchers everywhere
Horned Larks singing
Violet-green Swallows
Rough-winged Swallows
Cliff Swallows
Steller Jay - 1
W. Crows - several calling.
Oregon Chickadee

Slender-billed Nuthatch
Red-breasted Nuthatch
Calif. Creeper singing
Winter Wren singing beautifully
Seattle Wren
Robins
Russet-backed Thrush
Western Bluebirds

Golden-crowned Kinglets
Ruby-crowned Kinglets.
Cassin Vireos everywhere
Hutton's Vireo - a couple
Warbling Vireos - everywhere
Lutescent Warblers
Yellow Warblers
Audubon Warblers
Black-throated Gray Warbler
MacGillivray's Warbler
Pacific Yellowthroats thick in snowberry-cleerberry pasture
Long-tailed Chats - calling from brush areas near the river

English Sparrows
Meadowlarks singing
Redwings
Brewer Blackbirds
W. Evening Grosbeaks
Black-headed Grosbeaks common

Lazuli Buntings
Western Tanager - 1 M
Purple Finches singing
House Finch - 1 seen
Pine Siskins still in big flocks
Oregon Towhee

Vesper Sparrows
Oregon Juncos - mating, but no nests found.
Chipping Sparrows
White-crowned Sparrows - pairs
Golden-crowned Sparrows - small flock of 14 birds in snowberry brush.
Song Sparrows everywhere. - nest found in April by folks had large young that left the nest this afternoon. I banded two of them.

62 species !!

LEADBETTER PROPERTY, Bordered by Smith Lake and Willamette and Columbia Rivers, Multnomah Co., Oregon

May 9, 1948 08:45 - 12:00
Weather - High clouds
Observers - W.H. Telfer and D.B. Marshall

California Heron - Spent some time looking at the rookery. From the sound, we would judge some young birds have hatched. Adults carrying nesting material to some extent. The rookery is as large or larger than our past estimate of 175 to 200 nests. It appears as though some additional nests have been made at the west end of the colony, but this is not certain.
Mallard - A few scattered pairs.
Wood Duck - Pairs here and there.
Western Red-tail - One around the rookery.
Herring Gull - One adult in beautiful plumage in a tempoary lake above the club house.
Harris Woodpecker
Gairdner Woodpecker
Wright or Hammond Flycatcher - There were a number of these birds in with western flycatchers next to the heron rookery. We were first attracted to them by their call notes which were so familiar to Bill from the upper Clackamas River and to me from Fremont Forest. They gave the call note similiar to the western only ending in a slightly lower note in addition to the two slurred end notes. Observations on these birds showed little yellow on the belly. A lighter colored wash extended down the belly in the form of a wide line. These birds were probably one of the two, hammondi or wrightii. It must be admitted that the difficilis also will give at times two slurred end notes.
Western Flycatcher - see above.
Tree Swallow - Throughout the area. One young showing the brown washed brown underparts was observed perched on a limb beside an adult tree swallow. The adult made several attempts at feeding the young one. This is rather early for young to be out, but on the otherhand I doubt very much that the above bird could have been a Bank swallow. Good observation was afforded.
Western Crow - Along the Columbia
Oregon Chickadee - Found one nest in a cottonwood stub about 7' off the ground. It appeared empty so far as eggs as young, but we could see that it contained some nesting material and the adults were going in and out.
Seattle Wren - Young appeared from the hole about 10 feet up in the dead top of a willow while an adult bird was feeding.
Robin
Western Bluebird - By the club house
R-C Kinglet - One individual chasing another.
Cassin's Vireo - Heard only one.
Western Warbling Vireo - Heard singing near the rookery. Bill also saw one.
Lutescent Warbler - Only one
Yellow Warbler - Singing everywhere
Myrtle Warbler - One of several. A male showed his white throat very well.
Black-throated Gray Warbler - Observed a quiet one near the rookery
Yellow-throat - Only one - near the rookery

Over

Long-tailed Chat - Calling at the rockery.
Pileated Warbler - " and singing at the rockery.
Bullock's Oriole - One at the entrance and one at the rookery.
Black-headed Grosbeak - Calling at the rookery.
Purple Finch
Willow Goldfinch - Saw some everywhere we stopped, singing.
Pine Siskin - Here and there, small flocks.
Oregon Towhee - neat the entrance
Chipping Sparrow
~~Shufeldt~~ Junco, Oregon or Shufeldt
Golden-crowned Sparrow - A flock at the rookery.
Fox Sparrow - In a blackberry thicket along the river below the entrance.
Song Sparrow

David B. Marshall

May 11th 1948 Corvallis — clear, calm + warm = 7 a.m.
Evening grosbeaks well-scattered.
V. Canada geese - 47 flew N, high, at noon.
Bullock Oriole - 1 ♂ in elms on Town-Campus 7 a.m.
Pileolated Warblers = 10-15 in 2 neighboring apple trees.
Gr. back goldfinches = few
Willow goldfinches = common in field west to 410 N. 16th.

May 14, 1948 - Chas. Cutress found = Seattle Wren nest near camp cabin in D. Firs at 35'-40'. One fir dead.

May 15, 1948, Corvallis, OSC Campus, and Avery Park 0540-0645, -Ovc/ calm, cool

Valley Quail
Pheasants
Silver Pheasant ♂ on nest at 6'5 a.m.
Mourning Dove
Flickers
Little Flycatcher
Olive-sided Flycatcher
Violet-green Swallows - Seattle Wren
Robins
Russet-backed Thrush
Cassin Vireos calling
Warbling Vireos
Lutescent Warblers
Yellow Warblers
MacGillivray's Warbler
Black-throated Gray Warblers
Pileolated Warblers
English Sparrow
Meadowlarks
Western Tanagers - dozens in firs, mostly males. One F seen yesterday
Evening Grosbeaks common
Purple Finch
Pine Siskins everywhere in Avery Park and on the campus
Willow Goldfinches
Oregon Towhees
Oregon Juncos - young birds already out of the nest
Chipping Sparrows
Song Sparrows.

28 species

May 15, 1948, 1-5 p.m. 410 N. 16th St. Corvallis, -Ovc/ calm, warm.
While sitting in the backyard during this period I observed the following species in the air, shrubbery, or either of 2 apple trees:
Redtail Hawk - Rufous Hummingbird - Gairdner Woodpecker Little Flycatcher
Violet-gr. Swallow - Oregon Chickadee Seattle Wren Robin - Western Bluebird
Cassin's Vireo Warbling Vireo Lutescent Warbler Yellow Warbler
Pileolated Warbler English Sparrow Brewer Blackbird Western Tanager
Black-headed Grosbeak, Purple Finch - House Finch Pine Siskins Willow Goldfinch
Green-backed Goldfinch Oregon Towhee - Vesper Sparrow Chipping Sparrow
and Song Sparrow: 27 species

May 15, 1948, 12-mile Swamp, 0700-0845 -Brkn/ calm, cool.
Took Natural History class out.

-Blue Heron - one flying over north end.
Anthony's Green Heron - one over ash on west side. Saw it twice
-Bittern - heard one pumping about 0730.
-Mallards - well-paired up, but only a half dozen pairs seen.
-Blue-winged Teal - saw at least two full males at widely scattered spots this a.m. Two at about the same time, so they couldn't have been the same ones
-Shovellers - about 15 males and 5 females in the area. Few paired up, and many males jockeying for positions behind the female, when they are in flight.
-Vulture - just one
-Osprey - one flew low over the north end, with a Redwing Blackbird right behind it.
-Sparrow Hawk - on wire line.
-Pheasants calling
-Coots - about 10 seen altogether - one on wood raft, preening itself.
-Virginia Rail - flushed at least 3 different ones in area near the cabin. Gave 2 calls.
-Wilson Snipe - at least 5 in area. Fooled by thinking we heard a Screech owl for a while, but located 1, 2, or 3 birds sailing around high above us, and sometimes quite low over the swamp. Winnowing took place up high only, however. Tones made with the wings, which are fluttered quite rapidly as they swoop with a slight drop in altitude. If winnowing takes place while there is a deeper swoop, the tone becomes richer, more mellow, and lower.
Dowitcher - one flew toward the north end as we came into the swamp.
Black Tern - Jack Von Borstel first spotted it. A full plumaged dark male with white under tail flying slowly to the north. Had a peculiar type of wing-beat, as if it was about to check its forward motion. Phil Dumas saw this species on the spring bird count last year at this swamp, but this is the first time I have seen it, ever - a new bird for my life list !
-Mourning Doves - several pairs around
-Violet-green Swallows not too common
-Barn Swallows commonest
-Cliff Swallows, too, and they were dipping into the open water areas near the center.
-Horned Larks on fence posts and singing, on way out to the swamp.
-Raven - one seen
Crows - a couple
Seattle Wren
-Tule Wrens here and there, but comparatively quite this time of the day.
Robins - a few
Yellow Warblers calling here and there
-Audubon Warbler - one immature bird seen. One yellow on rump, nowhere else. This year??
Black-throated Gray Warbler - one in ash tree
Pacific Yellowthroats everywhere
Pileolated Warblers quite common
-W. Meadowlarks singing.
-Redwings everywhere - found many nests, but only one with an egg in it. Late this year.
Brewer's Blackbirds - a few
Western Tanagers - one full male in ash thicket by the swamp. Unusual habitat - migrant.
-Lazuli Bunting - in ash spirea fence row along east side.
Oregon Towhees
Juncos
Song Sparrows

37 species

53 " total for the day (approximate)

May 17, 1948 - After finishing !! - 10 p.m. to 10:30 p.m. 100 %, ½ moon, calm, cool. Foggy Telling
Tule Wren singing continuously (off + on) - sometimes not at all
Long-Tailed Chat - sang once
Mallard -

12-mile Swamp

See backside, too >

contd
5-17-48 - 10½ p. m. Pied-billed Grebe:

Heard no answer so I gave the screech owl call. Got an answer almost immediately from [illegible] ridge over 100' from me. During a 10 minute period I repeated this 2 more times.

The call started out cautiously as a screech owl, but ended with a series of "kreeyou"s. At first they were as loud & fast as the "warble" notes, but became progressively slower, & lower in pitch, the last "kreeyou" being barely audible at a distance of 150' or so.

At 2 p. m. on the 18th (May) - we gave the call again & got a similar response! We lined it up & went out to it - found a floating Pied-billed Grebe nest. Made of damp & soggy rotten sedge, etc. Eggs in wet cavity, completely covered by similar rotten vegetation took 2 pics. Eggs a tan-buff color - very dirty took picture

May 18, 1948, Mary's Peak, 0800-1000, 4000' Brkn, cold, NW 5-20

Vulture - a few over area
Blue Grouse hooting - one in top of 40' fir.
Flicker - pair near top, in clump of Noble Fir
Raven
Chestnut-backed Chickadees - in dense forest on NW slope
Red-breasted Nuthatch - in forest on NW slope
Robin - singing
Varied Thrush - several calling
Townsend's Solitaire - 1 pair along road up - first I have seen in 4 years.
Golden-crowned Kinglets - small flocks here and there
Evening Grosbeaks - calling
Hepburn's Rosy Finch - recorded purely as an "ear record" for the call sounds similar to those seen and heard around Mount Hood by Dave Marshall. Only had a glimpse of the birds, but it isn't too certain. However, they occupied the same "rocky-alpine" area in which they were seen before the war.
Juncos common
White-crowned Sparrows - Nuget's - in brush clumps just below timberline on south side.

May 18, 1948, 12-mile Swamp, 1330-1600, 40 Ovc, NW-, cool, S to W and N up to 15 mph.
Blue Heron - a couple of singles
Mallards - several pairs, and one flock of 10 males, also other small flocks, mixed.
Baldpate - 1 male at south end with mallards
Pintail - 1 pair with 3 mallards at north end.
Green-winged Teal - at least 1 male seen
Cinnamon Teal - 1 male seen at north end
Wood Duck - a couple of singles
Hooded Merganser - flushed 2 males in company with
3 Buffleheads - females or immatures - at south end.
Vultures circling over
Cooper's Hawk - 1 seen
Sparrow Hawk - a couple of singles seen, and one group of 3 hunting over the east field.
Pheasants - acouple calling.
Virginia Rail - a couple of adults seen, and one new nest foundation found in south half.
Sora - one called "Ker-wee" at north end.
American Coot - some singles seen. See notes for 5-17-48. Today we found a floating nest consisting of rotting and soggy sedges, etc. There were 7 tannish eggs, very heavily spotted with dirt, in the nest. The eggs were completely covered by a handful of soggy material similar to that of which the nest is constructed, so that the whole affair looked like just a pile of rotting debris.
Killdeer - one heard
Mourning Doves perched on wires of fence, and also saw 3 in "chase"
Vaux's Swifts in large numbers - perhaps 50 seen, mixed with swallows and martins.
Flicker - just one seen in south end.
Wood Pewee - one in south end ash area.
Violet-green Swallows the least common species.
Tree Swallows - seemed to be quite a few of them around today. Young birds, also.
Barn Swallows - seem to be pairingup now. Com on
Cliff Swallows - in mixed flocks with other species.
Purple Martins - those we saw before must have been the vanguard for the outfit, for today there were dozens of adult males, females, and immatures of last year present.
Raven calling
Corws - 2 flew over- one carryingpiece of straw
Seattle Wren singing from near top of 15' ash
Tule Wrens singing over entire area.
Robin - a few around
Cassin's Vireo calling
Warbling Vireo - singing.

May 18th at Swamp, continued:

Yellow Warblers here and there
Audubon Warbler - just one seen
Pileolated Warbler - one singing
Pacific Yellowthroats seemed to be everywhere, but they were comparatively quiet.
Meadowlark singing
Yellow-headed Blackbird - heard call several times, but didn't check up on it till later, at which time we could not find it.
Redwing everywhere - found many nest with eggs, most in Spirea, some in Sedge. 2 nest with 4 eggs each were not over 6 feet apart. One nest empty last Saturday (May 15th) had 4 eggs this p.m. One new nest being constructed in sedge so close to a last-year's nest that the sides of the two nests were touching.
Brewer Blackbirds - a few
Western Tanager - in ash clumps
Lazuli Bunting - had look at beautiful male in small ash tree
Purple Finches singing here and there - some were immatures.
Common Goldfinch - one male seen.
Oregon Towhee - a couple seen
Chipping Sparrows - a couple
Song Sparrows singing

49 species — 59 species total for day.

July 24, 1947, continued: 4 miles W of Elmira, Lane Co., in Yellow Pine, Madrone - Oak - Fir area, 730-830 a.m.

Vulture
Redtail Hawks over ridge
Killdeer
Mourning Dove
Flickers
Olive-sided Flycatcher
Purple Martins - 15 to 20 of them perched on dead top branches of a very tall D. Fir, in an old cleared forest acreage. Bottom of the tree was alive. The birds were calling continually, and some would take wing, and circle, and soar, higher and higher, eventually several would be together, way up there.
House Wrens - a few were seen
W. Bluebirds - 17 flew over in a scattered flock
Audubon Warbler - saw 5 of them.
Pacific Yellowthroats - saw and heard several
Long-tailed Chat - just heard one.
MacGillivray Warbler - one male seen, and 2 immatures
Pileolated Warbler - fulll aoults squeeked up by me, to within 4 feet.

July 24, 1947, Fern Ridge Dam Reservoir Area, 9 a.m. to 1230 noon. Varied habitats from open water to oak-fir woods. Frequent thunder showers all time I was there.

Pied-billed Grebe - 3 were seen.
White Pelican - I saw them floating on the water, or perched on a far off island, and one group of 7 took to flight at the same time.
Paraøllon Cormorants - several perched on dead trees out in the water, and I watched one drop into a small lake below the dam to feed.
Blue Heron - several were in the area., and one old adult delighted in perching on a fence post.
Green Heron - one full adult was surprised while feeding in grassy ponds near the edge of the reservoir.
Mallards - quite a few seen. No full adult males, however. Eclipse?
Wood Ducks - a few were flushed from the edge of an ash grove under water.
Vultures - 9 of them feeding on 3/4 submerged sheep at edge of old hiway.
Marsh Hawk - watched a female flying over
Sparrow Hawk -
Bobwhite
Pheasants
Wilson Snipe - a pair of them flushed from a flooded field near the road, and they circled around me.
Killdeer - plentiful in the area.
Spotted Sandpiper - saw and heard just one.
Least Sandpipers - several flocks of them were to be seen along the old road. They would circle and light right in the road, where there was no water, and then feed into the shallow water from there. The most I saw was 27 in one flock, but more than that were present in the area.
Mourning Doves
Rufous Hummingbird
Kingfisher - one perched in old ash at edge of water - waiting.
Flicker
Red-breasted Sapsuckers - another "family" of them playing around in a dead D. Fir.
Little Flycatcher -
Olive-sided Flycatchers
Horned Larks
Violet-green Swallows - plenty of flocks around, mostly immatures
Tree Swallows - a few
Barn Swallows - plenty around, continually calling.
Cliff Swallows
Purple Martins - a flock of 9 perched and flying to and from another very tall D. Fir which has the top half dead. They soared more than they beat the wings.

July 24, continued - Fern Ridge.

W. Crows - several seen, and many more heard.
Oregon Chickadees working an Oak-ash woods
Slender-billed Nuthatch - working the same woods, and observed to drive a Chickadee a...
Seattle Wren
Tule Wren
Robin
Russet-backed Thrush - just one heard
W. Bluebirds - young ones hovering at 10-12 feet over the ground for periods of ½ min. e...
Cedar Waxwings - a few flew over
Cassin Vireo
Audubon Warbler
Pacific Yellowthroat
Long-tailed Chat
Pileolated Warbler
Meadowlark
Redwings here and there - young birds well-flocked now.
Brewer Blackbirds common
Lazuli Bunting
Purple Finch - singing
House Finch - more of these and the former
Willow Goldfinch
Green-backe Goldfinch
Towhees here and there.
Savannah Sparrows seen on the flats
Vesper Sparrows on the flats
Chipping Sparrows
Song Sparrow
57 species.

Riverview School area, S of Junction City, Lane Co. 1 p.m.

Blue Heron feeding in drainage ditch
Lewis Woodpecker - alighting in top of old oak just ahead of heavy rain.

July 24, 1947, Harrisburg, Lane Co, to Peoria, Linn Co. - 0115 to 0240 p.m. Rain Showe...
Vulture
Bobwhite
Valley Quail - F flushes first
Mourning Dove.
Horned Lark
Vio eg-green Swallows in flocks, mostly immatures
Barn Swallows
Cliff Swallows
W. Crow.
Oregon Chickadee
Bush Tits
W. Bluebirds
N. W. Shrike - perched on a wire fence, and making frequent feeding sallies to the ground, and back up to its first post, or another one.
Meadowlarks
Redwings here and there.
Brewer blackbirds - common, and in flocks now.
Purple Finches here and there.

MCFADDEN'S SWAMP, 13 miles S. Corvallis, Benton Co., Ore.

May 22, 1948 13:00 to 16:30
Weather: Clear

Blue Heron
Mallard - Counted 20 in one flock, and there were others scattered around. There was a ratioN of about 4 males to each female. Saw three young di sappear behind some ash along the board walk. A male and female was with them.
Pintail - Flushed a pair off the main pond.
Blue-winged Teal - Watched through my glasses one male fly acros the main pond.
Wood Duck - Scattered her and there. Probably totaled 10.
Bobwhite - Along the east side of the main pond in the grass.
Ring-necked Pheasant - A cock in the field to the east.
Virginia Rail - Didn't see any or look, but heard rails often on. Probably some soras.
Killdeer
Mourning Dove
Little Flycatcher - In the ash along Muddy Cr.
W. Wood Pewee - " " " " " "
Violet-Green Swallow
Tree Swallow
Barn Swallow
Cliff Swallow
Purple Martin - Over the north field.
Crow -
Seattle Wren
Tule Wren
Robin
Russet-backed Thrush - In the a h along Muddy.
Cassin's Vireo " " " " "
Warbling Vireo " " " " "
Yellow Warbler
Red-wing
Western Tanager - In the ash along Muddy
Lazuli Bunting - In the brush near the Muddy Cr. bridge.
Goldfinch
Savannah Sparrow - Flushed one in the norht field.
Chipping Sparrow
Song Sparrow

D.B. Marshall

May 23, 1948 – Woodburn – 4 p.m.

Cedar Waxwings – 1st seen in a long while
Yellow Warbler
Blk-throated Gray Warbler
Evening Grosbeak

May 30, 1948, 8:30 a.m. – Luckiamute R., Polk Co, 45 99W –

Say's Phoebe on bridge in open field area
Cliff Swallows nesting under N. side eaves in Camp Adair abandoned farmhouse

May 30, 1948, Beach and Sand Dunes, S side of Yaquina Bay Channel, 430-600 p.m.

Killdeers - around small ponds among the sand dunes.
Northern Phalarope - a single male in full plumage (without rufous across throat) on the largest of the small ponds among the dunes. Got within 15' of it several times, as it was very tame. It was well, flying O.K.
California Gull - common
Glaucous-winged Gull - a couple seen.
Flicker
Tree Swallows
Barn Swallows over pond areas
Robin on dune
White-crown Sparrows on the dune areas.
Willow Goldfinches here and there, too.

May 30, 1948, Spruce-Pine-Rhododendron dunes and woods S. of Yaquina Bay Channel 6 to 7 p.m. Warm, calm.
Band-tailed Pigeons in small flocks - common
Mourning Doves calling - just 3 or 4 of them.
Rufous Hummingbirds around the many flowering shrubs and herbs this evening
Flicker calling from top of pine and spruce trees
Little Flycatchers - a couple
W. Wood Pewee - 1 heard and later seen.
Violet-green Swallow in clearing and at edge of woods
Raven - 4 flew over to SE and inland
Chestnut-backed Chickadee - a few heard and seen.
Wren-Tits - 2 or 3 calling.
Robin
Russet-backed Thrushes calling
Golden-crowned Kinglets
Lutescent Warblers
Yellow Warblers
Black ~~Ø~~-headed Grosbeaks calling
Purple Finches singing
Pine Siskins still flocked
Oregon Towhees
Song Sparrows common

May 31, 1948, Yaquina Head, Agate Beach, and Hidden Lake, (E. of Malaport) - cloudy, calm, and warm.
Common Loon - 2 seen
Red-throated Loons - 4 together
Western Grebes - flocks of up to 15 feeding together
Farallon Cormorants - common on off-shore rocks
Baird's Cormorant - just a couple seen. - patches showed plainly.
White-winged Scoters - adults and immatures.
Surf Scoters
Cooper hawk - over beach area.
Killdeers here and there
California Murres - on off-shore rocks and swimming in ocean
Pigeon Guillemot - common around Yaquina Head - some courting antics on the rocks. Well-paired, females a lighter sooty color that shiny, dark males. Many feeding offshore.
Band-tailed Pigeons - flying around the woods areas.
Rufous Hummingbirds - here and there
Flicker Violet-green Swallows Tree Swallows Bank Swallows
Rough-winged Swallows Barn Swallows Cliff Swallows Raven Crows
Robin Red-wing Blackbirds Brewer Blackbirds W. Goldfinches Towhees
Juncos Chipping Sparrows White-crowned Sparrows Song Sparrows

June 1, 1948 - O.S.C. Campus - 9 p.m. Several Nighthawks calling - some last night.

OVER

June 5, 1948 = Woodburn, 3a.m.- 4a.m. Pac. Daylt. Saving Time. Warm, cloudy
Very dark

Barn Swallows = seemingly dozens were circling over our block for over an hour.
calling loudly & continuously.

886

Russet-backed Thrush = 1 called

House Finch = one sang about ½ of a song.

Monmouth – 6-7 miles south = 9p.m. P.D.L.S.T. - light yet.
Short-eared Owl flew across the highway.

885

June 9, 1948 - ~~2~~ 3a.m. – Corvallis
Evening grosbeaks – 15-20

June 11, 1948, Fern Ridge Reservoir, Lane Co. 0815-1230, -Ovc/12Brkn FW- W3-5

White Pelicans - a total of about 30 seen. Many of them seemed to be in pairs, but I did see 5 in one group flying overhead. Males have "horn" developed on bill. I found one dead bird near Old Elmire road, but couldn't find cause of death.
Cormorant - just one Farallon's seen flying by Gibson Island.
Blue Herons - several seen - only one in full plumage. Another atop a fence post
Green Heron - 1 flying over gravel road
American Bittern - at least 5 flushed along NE to SE side this a.m.
Mallard - few females, no males, 1 F with 5 half-grown young
Pintail - just one female seen
"Blue-winged"Teal - observed 2 females in flight - hence can't tell species.
Wood Ducks - 3 pair seen - 1 with 4 downy young. 1 M alone.
Vulture
Sharp-shinned Hawk
Marsh Hawk F at NE Dike
Ruffed Grouse - in oak-brush
Bob-whites - several calling. 1 pair seen
Valley Quail
Pheasants

Virginia Rail flushed at NE dike
Sora - in cattails south of "
Coot - several calling, others seen
Killdeer - 2 adults and 3 3/4-grown young on old Elmire road with Dowitcher and with a Wilson Snipe a Horned Lark and California Gulls (4 adults, 3 immats).

Spotted Sandpiper in Long Tom below dam.
(Wilson Phalaropes seen last week by Gullion)
Mourning Doves - common in oak, several g-grown young seen here, and all over country.
Nighthawk over pond below dam at 0830.
Rufous Hummingbird - a couple in brush areas.
Flickers in oak areas.
California Woodpecker - just after I had changed into good clothes at the end of the old Elmira road and headed out at just 1130 I spotted a woodpecker fly across the road ahead of me and light on a telephone pole. I went right by, but spotted a flash of yellow, slammed on the brakes and backed up - sure enough - the first one I have seen in the valley ! Didn't note if twas a M or F. Very pretty, at that. Gordon Gullion tells me they are permanent resident in the black oak areas around Fern Ridge, and on the north slope of the Calapooyas west of Eugene.
Wood Pewee
Little Flycatcher
Horned Larks singing everywhere
Violet-green Swallow - many
Tree Swallow
Rough-winged Swallows
Barn Swallows
Cliff Swallows - many

W. Crows common
Slender-billed Nuthatch inoak areas.
Seattle Wren - a couple in brush
Tule Wren singing most of time. 4 or 5 nests located in Cattails at 5'.
Robin
Russet-backed Thrush
Cassin Vireo

Yellow Warblers in oak
Black-throated Gray Warbler
Pacific Yellowthroats in brush and oak
Chat - calling persistently in oak and brush

English Sparrow
W. Meadowlarks singing till mid-morning.

Yellow-headed Blackbirds - greatly increased in abundance since last I visited here. Saw about 15 full males perched in the NE Dike area, and there were many females and young birds in the area, too. I counted a total of 35-40 birds in this area alone, and with the glass I noted others in the cattail areas across the open water to the southeast. I didn't take too much time in this tangle of vegetation, but I did find one occupied nest in the cattails about 12" over water which was 30&" deep. One young was still in the nest, with 1 dud egg, heavily stained. The wing quills were about 1g-13/4" long, but not opened. Brownish feathers were well-developed over the body. Tarsus about 2" long. Band #41-231094. SE end of Reservoir has changed radically and is well-developed in cattails now, and with this growth many Yellowheads are present - must be 150-200 in areas total.
Redwings common, nesting, too. → Brewer Blackbirds → Lazuli Buntings on wire lines.
House Finch in old orchard → Willow Goldfinch → Green-backed Goldfinches not common.
Towhee, → Vesper Sparrows → Chipping Sparrows, → Song Sparrows.

August 7, 1947, Coffin Butte, near center of Camp Adair, west of 99W. 11 a.m.

Pied-billed Grebe - one on Cat-tail-Quarry pond near the highway
Vultures - several circling over the area
W. Redtails (????) several circling low over the summit of the butte. Didn't look exactly like redtails, and had immature plumage, characterized by prominent dark head and throat, with sharp demarcation between head and chest, which was light.
Sparrow Hawk - female perched on post beside gravel road
Cedar Waxwings - pair at the Cattail-Quarry pond
Meadowlarks - both adults and young were seen
Willow Goldfinches feeding on Thistles, etc.
Vesper Sparrows common

August 8, 1947, Fern Ridge Reservoir, Lane Co. 8 a.m. to 2 p.m. Sctd-Brkn Clouds
White Pelicans - about 30 seen, scattered well over the S. end.///With Bill Graf
Farallon Cormorants - a few were seen.
Blue Herons - plenty of them were seen
American Egret - a total of 4 were seen this a.m. We flushed them from the NE side and watched them fly to the south end, a distance of several miles, where we later saw them again.
Green Herons - 2 or 3 were seen
Cackling Goose - we flushed one from the [illegible] side, and it layed around close, never leaving the vicinity, too far.
Mallards - several flushed, all in eclipse plumage, for no full drakes were seen
Pintails - again I saw several of these birds. Some males in full plumage
"Blue-winged"Teal - of either the Blue-winged or Cinnamon species. 3 were observed resting and preening near the Elmire road, all in the obscure plumage, altho the wing-patches showed up well, no other color differentiation could be made.
Wood Ducks - many were seen at various locations around the reservoir. Many up to 2 miles from the nearest ash or oak woods.
Vultures - plenty soaring over the area.
Marsh Hawk - female flying low over a field, and alit two times in it
Sparrow Hawks seen now and then.
Bob Whites - a few
Valley Quail
Pheasants
Virginia Rail - I am sure I heard the singular alarm note just once at NE dike area.
Coot - several seen at the south end of the reservoir
Killdeer - a few seen
Hudsonian Curlew - one flew over about 100 yards from Bill and I, and it gave its rather melodius "cur-lew" call as it headed south past us. The bill was not outstandingly long, not being over 4" at all, and the over-all size of the bird was not large enough to warrant our calling it a Long-billed Curlew.
Least Sandpipers - as before, this species was around the Elmira road, and were very tame, allowing us to approach with 5 feet of them in "Tangy", the Ford. Many flocks of varied sizes in the vicinity
Western Gulls - saw 4 immature birds of the year flying the area, and found one dead at the edge of the road. Plumage quite dark brown
Mourning Doves
Flicker
Little Flycatchers
Horned Larks common and singing in the pastures
Violet-green Swallows
Barn Swallows
Cliff Swallows
Purple Martin - one immature bird seen feeding over water with Cliff and Barn Swallows
Oregon Chickadee
Slender-billed Nuthatch
Seattle Wren
Tule Wrens - in dike area on NE side.

Fern Ridge Reservoir continued:

Robins not too plentiful
Russet-backed Thrush - in Oak-fir forest area.
Western Bluebirds flew over
Cedar Waxwings
Yellow Warblers
MacGillivray Warblers working old orchard trees
Audubon Warblers
English Sparrows
W. Meadowlarks - several immatures seen. Only one adult. Not flocked yet.
Yellow-headed Blackbirds - flushed 8 from cat-tail area along NE Dike, and there were others heard but not seen. Later, ½ m le away, I saw several males mixed in with a flock of some 250 Redwings. They are a beautiful sight to see.
Redwings - in the marshy edges, in small to large groups. One of at least 250 birds.
Brewer Blackbirds - not too many of them seen.
Lazuli Bunting - a few seen
Purple Finches near NE Dike area
Willow Goldfinches abundant everywhere in small to flocks of 50-75 birds. Adults and immatures present.
Oregon Towhee
Vesper Sparrows
Chipping Sparrows
Song Sparrows
53 species

August 8, 1947, Cascade Foothills, NE Lane Co., SE of Harrisburg. 2-330 p.m.

Vultures circling over
Redtail
Mountain Quail - F scolding covey
Violet-green Swallow
Cliff Swallow
Coast Jay
Raven - one pair in oak grove area
Seattle Wren
Robin
Evening Grosbeak - just one
Chipping Sparrows - a flock of 50-75 adults and immatures working thru the Sweet-briar, Yellow Pine, Incense Cedar, and Oak on this dry west slope

August 8, 1947 - Summary of Willamette Valley from Corvallis to Eugene and N to Brownsville

Blue Herons and Green Herons found along most of the water courses and sloughs and ponds
Mallards and Wood Ducks on some of the water courses and ponds
Vultures - you couldn't look in any direction, at any time without seeing this bird, or several of them circling around.
Sparrow Hawks quite commonly perched on wire lines or fence posts, etc. ads and imms.
Pheasants and Bobwhite and Valley Quail along edges of gravel roads getting grit (?).
Killdeers in scattered pairs or very small groups
Mourning Doves in very small groups on fences and wire lines
Horned Larks very common along all roads, in most fields, many singing.
Violet-greens, Barn, and Cliff Swallows in flocks of up to several hundred perched on the wire lines. The Tree Swallows aren't quite so numberous, and won't be seen over almost all the fields the way the aforementioned species are.
Pacific Yellowthroats seem to be present in almost all little strips of fence row brush
Brewer Blackbirds not very numerous now, as they have been most of the summer
Lazuli Buntings perched on wire lines along most of the roads, several to the mile.
Chipping Sparrows seem to be flocked up in numbers now and working the fence rows and fields.
NIGHTHAWKS SEEN + HEARD ALL HRS OF THE DAY, + HEARD LATE AT NITE

June 13, 1948, 12-mile Swamp, 0800-1500, Brkn/ W 1-5, warm, scattered by noon.

Pied-billed Grebe - a pair seen at edge of ash clump in spike-rush area at 9 a.m. calling
Blue Herons - several feeding in area, and others seen to fly over.
Anthony's Green Heron - probably just one individual seen at north end in a.m., but another seen in the p.m. at the south end.
Bittern - just one flushed from sedge area near ash island in north half. No nest found.
Mallards - a couple of full males seen, and other not in full plumage. At least a half dozen females around, and each gave evidence of having families. I flushed 3 different groups of young in various parts of the swamp, that could not fly. These groups contained 7, 6, and 11 totals. Some hens tried to decoy me away.
Wood Duck - just 2 flushed from scrub ash between the swamp and Muddy creek.
Bufflehead - at 2 p.m. I spotted an immature Hooded Merganser (probably 3/4 size) in company with a female or immature Bufflehead on the south end pond. It was probably an immature, for the wing speculum was not full white yet, just a tinge of grayish. These two birds stayed together, but only the Bufflehead of the pair I watched. Another imm. or female Hooded Merganser was on the same pond, about 30 feet away. I finally flushed these birds, each Merganser going in a different direction, and the Bufflehead to the far-south pond. When I approached this pond I saw there were now two Buffleheads in the same state of plumage. I watched them for at least 15 minutes, pushing them just a little bit as I moved towards them. While I was doing this, the merganser that had been accompanying the 1st bufflehead I saw now swam up a "creek" (which ran thru this part of the swamp" and finally joined the two buffleheads. I got within 50 feet of them on open water, and studied them a while longer before flushing them, and then all three birds returned to the first pond on which I had seen one of them. Bufflehead eye - brown.
Hooded Merganser - see text of Bufflehead
Turkey Vultures - circling over the area continuously all the time I was there.
Marsh Hawk - female adult seen, over field to the east of the swamp. Found no nest in the swamp area.
Sparrow Hawks - a couple of them on wire lines along road.
Bob-whites - 3 in gravel road by the cabin at 9 a.m.
Valley Quail - calling from Muddy creek area west of swamp.
Virginia Rail - I came across at least 7 separate family groups over the entire swamp today. Even the young gave the loud alarm notes, and they would practically surround me if I happened to move into their midst. No downy young seen. All were well-feathered, but lighter colored than the adults it seemed to me.
Sora Rail - did not find any nests, and only heard one bird about 10 a.m.
Killdeer - calling as they flew around the area.
Wilson's Snipe - when I arrived at the swamp I saw one bird fly from the swamp area and light in a field 100 feet from the road. That was 9 a.m. At noon I went out into that area where I had seen it light, and flushed it from a now dry "winter-pool" area that was mostly bare, still damp ground, but with scattered grasses, Allium amplectens, Downingia elegans, and Limulus tricolor, and Plagiobothrys figuratus, giving some idea of the site. Tho I coursed over the area, I was unsuccessful in locating a nest, or young.
Mourning Dove - several pairs in the area. Found a new nest located on the north side of a spirea clump along the east edge of an ash grove. The nest was on a horizontal 1" ash limb, that was dead. Nest of grasses, and about 5" across. One adult was on the nest, but no eggs, etc. Nest well-shaded.

Nest #2 - Located in some nearly horizontal, dead limbs of a Spirea douglasii bush that provided plenty of shade for the nest, which was of grasses, and 5" across. The nest was on the SE side of the bush, with outlet to the SE only. The nest was only 10" above the water !!! There were two "wire-covered" dark-skinned young birds sitting quietly side-by-side facing to the SE. Total length about 3½". No flight feathers open yet, tho shafts were over 1" long already. Banded #41-354644 & 45. The spirea shrub was at least 75' from the nearest dry land, and isolated by water.

Rufous Hummingbirds - a couple seen.
W. Belted Kingfisher - one along west side of marsh, perched high in ash tree.
Flicker - a couple calling from ash groves.
Little Flycatcher - several in the area, sallying forth from dead ash trees
Horned Larks - singing earlier in the a.m., from nearby fields, and in the air.
Violet-green Swallows - common
Tree Swallows - several seen.

OVER OVER OVER

June 13, Swamp, continued:

Rough-winged Swallows - just 4 seen together, feeding over open water near bridge.
Barn Swallow - quite a few pairs around, and one pair again have a nest on the wall of the cabin again, over the doorway. 4 eggs in the nest. Both adults were present when I first saw the nest.
Cliff Swallows - the most common swallow present today.
Raven - several flying over the area, calling, and being chased by Blackbirds, etc.
Crow - several calling.
Oregon Chickadee - 2 birds seen carrying caterpillars to a nest at 12' in an 8" ash tree at the west edge of a dense grove of ash. NE entrance. Evidently young in it
Slender-billed Nuthatch - heard one on the ash island.
Seattle Wren in fence row
Tule Wrens - "millions" in the area. Nests all empty - I checked over 15 of them. Young, fluffy birds are everywhere.
Robin - a few pairs seen.
Russet-backed Thrush - a single one in darker ash grove area.
Cedar Waxwings - feeding from perches on water-killed ash trees. Some immatures, too.
Cassin's Vireo - heard one calling.
Yellow Warbler - several seen and others heard.
Pacific Yellowthroat - common everywhere - young birds seen
Long-tailed Chat - just one calling from fence row along lane.
W. Meadowlarks on wire lines.
Redwing Blackbirds - It seems I arrived too late for the banding of the first hatching, for the area was full of immature redwings. However, I did find that the second nesting period is already underway with many new nests constructed, or old ones renovated, for one I know had 4 eggs 1 month ago, now has a new lining and 2 eggs. At least 8 nests found with 4 eggs, others with 2 or 3 eggs. Found one nest with 4 eggs and one freshly hatched young. Another with 3 young which I banded, and another with 3 young too small to band - must have hatched yesterday. Most new nest in the north half are in spirea at from 3 to 4½ feet, while those on the west side of the south half are in Carex not over 12" above the water.
Brewer Blackbirds - a few in the area.
~~Black-headed Grosbeak~~ singing from ash and oak along Muddy Creek.
California Purple Finch - 3 flying over, and calling
Lazuli Bunting - one on ash by the road, in a fence row.
Willow Goldfinch - many seen in fields.
Oregon Towhee - just one pair seen in fence row
Vesper Sparrow - a couple in Baucus field at east side of swamp
Chipping Sparrow - in dead ash
Song Sparrows common - young also present. Also parents carrying food to one nest that I couldn't locate.

June 18, 1948, 12-mile Swamp, 1315-1330, 30 ℉, NE 2-3, 75-78°F.

Blue Herons - several in area
Mallards - a few females flushed - no males seen.
Wood Ducks - one full male in spike-rush area, and in south end I flushed a family that had from 10-13 young, 1/3 grown - ran very fast on HOH
Hooded Merganser - flushed one immature or female.
Vultures - at least 15 seen over the swamp area.
Cooper Hawk - one circling with the vultures
Valley Quail calling
Pheasant - flushed pair adults and about 11 chicks that were 4-5" high.
Coots - none seen
Killdeer - 2 flew over Mourning Dove - 1 adult - young already gone
Little Flycatchers - in water-killed ash areas.
Horned Larks - singing from fields
Crows heard
Raven - just one flew over
Tule Wrens - singing everywhere - mostly young birds -
Robin - a few
Cedar Waxwings - quite a few feeding over the water from the water-killed ash
Lutescent Warbler - heard just one
Yellow-throats - quite a few calling.
Meadowlark on grass island at south end.
Redwings plentiful. Area full of young birds. Second nestings really under way with many new nests, mostly in spirea and ash - the first nests are usually built in Carex obnupta, before these 2 shrubs leaf out. I banded 5 more nestlings, and there are 8 or so too young to band yet. I watched adults catching large dragonflies - Libellulius to take to the nestlings..
Brewer Blackbird - a few flew over
Willow Goldfinch - a pair seen
Vesper Sparrow in field along east side of swamp.
Song Sparrows - everywhere - many immatures present.

June 20, 1948, Avery Park, 1500, 15 Ovc [illegible], SW 2-8.

Silver Pheasant female on new nest just 14" south of previous nesting, of which there was nothing left but a few pieces of broken egg shell! Hatched or eaten??? She was reticent to leave the nest, for it was cool, and I patted her head before she did. She uttered low, guttural chortles all the while. There were 6 eggs in the nest. Nest abandoned by June 30th. 6 eggs still intact.
Juncos - adults feeding nearly full-grown young that were brownish and light barred on the wings.

June 21, 1948, 12-mile Swamp, 0700-1400, 50 Ovc to 80 Ø SW 8-12, warm
With Gordon V. Gullion and Ben Pruitt

Blue Heron - saw about 8 of them today
Green Heron - just 2 flying over
Mallards - hens - about 5 of them, no young seen.
Hooded Merganser - female or immature on south pond.
Wood Ducks - 2 females seen, no males.
Turkey Vultures - many over the area all the time, perhaps 25 seen.
Sharp-shinned Hawk - one
Cooper Hawk - hovering at 1 foot over center waters of marsh, heavily barred tail
Red-tailed Hawk - just one seen.
Sparrow Hawk-- hovering over fields.
Bobwhite - 2 calling at 2 p.m. in field by the swamp.
Valley Quail heard calling
Pheasant calling
Virginia Rail - found 2 pairs and a single adult, also "peepers" with one pair, and the single adult.
Coots - none
Killdeer - a few flying around, and calling.
Band-tailed Pigeon - 3 flew over
Mourning Doves - several pairs seen - nest found under construction last week completed now, but no eggs in it. Found nest #3 just west of Cattail clump on dead branches of Spirea at 1' over water, opening to the SE as on nest containing young that I found last week. This new nest had 2 eggs.
Nighthawks - 3 or 4 flying over area during the day, few calls.
Vaux Swift - 2 or more pairs observed at north end, flying around together, calling
Rufous Hummingbird - a few seen.
Little Flycatcher - common in the area - we must have seen a dozen or 15 birds.
Horned Larks - singing from fields.
Violet-green Swallows - quite a few
Tree Swallows - adults and many immatures, too.
Rough-winged Swallows - saw 4 or 5 of them at south end.
Barn Swallows - several pairs in area, and feeding over water. Nest contained 4 very small, freshly hatched young, and one egg. Too small to band.
Cliff Swallows common feeding low over the water.
Crows - a few in area
Bush-tits - a few in brush along Muddy Creek at north end.
Tule Wrens singing everywhere - must have been over 50 of them.
Robin - a few
Russet-backed Thrush - many singing from brush areas.
Cedar Waxwings - 15 or 20 seen in area.
Cassin Vireo - calling in ash areas.
Lutescent Warbler - in ash areas.
Yellow Warblers - common in swamp and ash areas.
Yellow-throat - very common in the swamp area. Perhaps 75 to 100 present.
W. Meadowlarks singing
Redwings - many new nests, 8 or 10 with new sets of eggs, a few with young still in nest, others just hatched. Most new nests are in leaved out ash and spirea. In a clump of cattails there are 5 nests, 4 containing 3, 3, 4, and 3 eggs and 1 with 3 young birds in it, all at about 3½ feet in height, and within a circle of 18 foot diameter.
Brewer Blackbird - a few
Willow Goldfinches common over the swamp area.
Vesper Sparrow heard singing
Oregon Towhee - a couple
Song Sparrows common - caught one fledgling and banded it.

June [illegible], [illegible], 18-mile Swamp, 0720-0725, clear and calm

Blue Heron
Killdeer - none in full M plumage
Ring-necked Teal - 2 full M and 1 F
Cinnamon Teal - 1 M
Wood Duck - with 3-grown young
Killdeer - pair
Flicker
Horned Lark
Tree Swallows [illegible] shotgun clear
Barn Swallows - 2 pair seen -using/"box" nest
Cliff Swallows

Blue Heron 18-mile Swamp, 2200-2235, clear and calm - twilight
Bittern "chunking"
Killdeer - 3 females or M in eclipse plumage
Green-winged Teal - 2 M & 1 F same place as a.m.
Wood Ducks - 6 of them flying over
Hooded Merganser - flushed from brushy areas by Long-eared Owl
Sharp-shinned Hawk - chasing Passing
Cooper Hawk flying high over swamp with the nighthawks
Courning Dove -
Long-eared Owl - about 2210, and at irregular intervals, thereafter, a whistled "pweeeeee-EE NITT" came from the dead ash across the swamp on the west side. I could whistle a good imitation of it, and it would answer immediately. I finally got it silhouetted against the sky and saw it was this species. At intervals it would bother a Blue Heron perched in the ash, also it flushed a female or immature Hooded Merganser from the ash area.
Pacific Nighthawks - estimate 12-15 present, some a little larger than others. Seldom calling, and most feeding over open water areas, occasionally dipping low to skoop up water with their lower bill. Graceful and beautiful fliers.
Horned Lark dusting at 1900 in gravel road.
Barn Swallows - 2 or 3 pairs feeding low over the swamp, calling continuously to each other. Young in nest still too small to band. - 4 of them, and 1 egg.
Tule Wrens - singing
Pacific Yellowthroat - while whistling at the owl I got an answer from the bushes nearby, and so "talked" with it a while. Short, singular notes. Finally the yellowthroat started a song slightly different than any I'd heard before, and rose straight into the air about 30 feet, singing all the way, coming down and back into its bush where it was silent
Waxwings calling occasionally.

June 23, 1948, Coast Fork, Willamette R., east of Creswell, 1615-1645, calm, and warm

Green Heron flew over
Valley Quail
Pheasant
Spotted Sandpiper - the river water was high and muddy, but some gravel bar was still exposed and I found one quite light colored, grayish individual flying across the river to another gravel bar.
Band-tailed Pigeons - 4 or 5 flew out of the cottonwoods toward the southwest.
Nesting loves in cottonwoods
Little Flycatchers common
[illegible]
[illegible]
Russet-backed Thrush singing
Cedar Waxwings - a few
Warbling Vireo - singing from tops of cottonwoods
Willow Warblers - very common in this area.
Brewer Blackbirds flying over.

June 23, 1948 - Cottage Grove
Purple Martin - saw 1 near railroad at 0750. ♂
" 6 " " " 1600. - ♂ + ♀

June 13, 1948, Cottage Grove Reservoir, Lane Co. 0800-1600, clear, warm NE-15
Gordon Gullion, Ben Pruitt, and I

Pied-billed Grebe - I heard my old "coot calls" today, but on tracing them down saw nothing but these grebes, so I will have to change my previous records entered under the "coot", calls, nest and all !!!! Saw them in 4 different areas. Watched one raise its tail and head and slip under water in a "V" without making so much as a ripple.

Blue Heron - just one seen

Green Heron - 1 flew up and down the river area above the reservoir.

Mallards - a flight of 14, also a pair with eggs or young, but we couldn't find them.

Wood Ducks - a flight of 7, and then 1 full male in pond-lily slough in woods.

Turkey Vulture - just a couple or 3 seen over the water, others over hills

Cooper Hawk - saw a couple of them, perhaps the same one twice.

Redtail Hawk - one seen

Osprey - heard a "hawk" screaming weakly - finally located an adult osprey at a height of about 2000-2500 feet. It was sailing SW, soon after this another adult came over lower, in the same direct, and then an immature bird, in brown plumage, and later, on the lake, we saw another adult.

Sparrow Hawk

Mountain quail - a few along brush in fir area on north slope.

Mourning Doves - a few

Band-tailed Pigeon - a flight of 5 went over

Vaux Swift - two over river area.

Rufous Hummingbirds - many seen in woods camp and elsewhere.

Flicker - nest at 25' in broken, rotten, but living fir, in partly cleared area. Opening to NE side. Birds went in an out, feeding young while I watched.

Red-breasted Sapsucker - one in fir forest area.

Little Flycatcher - must have seen and heard over 50 or 75 of them. Found nest just completed, but containing no eggs. On north side of clump of Douglas and white fir, in tall bracken fern growth at 4 feet above the ground, on a northeast slope, near where we located the Wren-tit ! The nest had outside measurements of 3-4" deep and 3½" diameter. Inside diameter 1 3/4" and inside depth was 1½". Nest of grass with pieces of green moss. Fine grass and hair lined the nest. Nest in crotch of the fern. or bracken

Horned Lark singing in field area.

Violet-green Swallow

Tree Swallows

Rough-winged Swallow - nest burrow in 3' bank along the Willamette river above the reservoir - N bank. Burrow 2' above water, flat on the bottom, and oval arched. About 8" deep, into larger chamber, but we couldn't see for grassy sides of nest blocked view. Adult in burrow at 1715.

Barn Swallows

Cliff Swallows

Stellar Jays - in the timber

Raven - several seen

Crow - a few

Chestnut-backed Chickadee in fir forest

Bush-tits - a few in brush at edge of fir forest.

Red-breasted nuthatch - calling off and on from fir forest areas.

California Creeper - singing and calling in fir forest

Coast Wren-Tit ! ! Gordon Gullion first heard and saw it in a dense thicket on a northeast slope in the fir forest. We all got to view it for a considerable time. It was easily "decoyed", and I imitated its call easily, bringing it within arms reach of me several times. It was quite a rich brown color, so I assume it was this subspecies. It sang with us within 4 feet of it, and talking. I thought I noted a grayish, short arch of color over the eye. It flitted or ran along the brush limbs. The astonishing thing to me was not just to find the bird, but to note the habitat of the small area in which we found it, and in which it stayed, and circling around us while we watched it. The area was a thick tangle of vegetation, heavily shaded, moist, and cool. Douglas Fir, Hemlock, Chinquapin, and dogwood. Various shrubs including thick growth of salal to heights of 4 feet. Heavy, damp moss layers covered the ground in this area. We saw only the one bird.

June 25 - Cottage Grove Reservoir, continued:
Winter Wren singing in fir woods
Seattle Wren - just one singing
Robin
Russet-backed Thrush
Golden-crowned Kinglets - a good many in the fir woods, singing, etc.
Cedar Waxwings - about 15 seen altogether.
Hutton's Vireo - a couple seen in fir area.
Cassin's Vireo - everywhere
Warbling Vireo - a couple singing in alder and cottonwood along creek.
Yellow Warblers - everywhere-the most common warbler.
Black-throated Gray Warbler - heard a couple of new songs from this bird
Hermit Warbler - quite common in tops of firs of the area.
MacGillivray's Warbler - carrying worms to young birds in brush areas in
Audubon Warbler - just a couple seen flycatching fro snags - immatures.
Yellow-throat - just a few. Some young birds
Long-tailed Chat -
Meadowlarks
Redwings a few nests found in cat-tail growth - no young or full sets of eggs.
Brewer Blackbirds
Western Tanager - calling commonly in fir woods area.
Lazuli Bunting - along wire lines
Purple Finches singing
House Finch - a couple in oak-pasture area.
Pine Siskins in fir woods at edge of oak-pasture area.
Willow Goldfinch - common in area.
Oregon Towhee -
Vesper Sparrows
Juncos feeding young in fir woods area.
Chipping Sparrows
White-crowned Sparrows singing from brush area of fir woods clearing at
Song Sparrows common.

June 29, 1948, 12-mile Swamp, 1730-185[illegible] PST, up to 90°F this p.m., strong wind from the west this evening. Clear and warm.

Blue Heron
Mallard
Wood Duck F
Sparrow Hawk
Bobwhite
Pheasant
Virginia Rail
Killdeer
Mourning Dove
Flicker
Little Flycatcher
Horned Lark singing
Violet-green Swallow
Tree Swallow
Barn Swallow - 1 young fell from nest to floor. Dead - banded other 3 - primaries not open, but almost 1" long, feathering now.
Cliff Swallows common

Crows - 2
Tule Wrens singing everywhere
Robin
Russet-backed Thrush
Cedar Waxwings
Yellow Warbler - 1
Pacific Yellowthroats everywhere
Redwings common - all nests empty
Brewer Blackbirds
Lazuli Bunting
[illegible] Goldfinches common
Song Sparrows

July 8, 1948, 12-mile Swamp, 1[illegible]50-1[illegible]15 120 Brkn/ 75°F, [illegible] 8-[illegible]

Pied-billed Grebe - one immature on pond area south of second bridge.
Blue Herons - 3 feeding close to each other south of the road.
Mallard - pair of adults and abou 12 young not yet able to fly.
Wood Duck - just one shaggy male seen
Turkey Vultures - dozens seen all over this flat part of the valley, circling in small groups of 6 to 7 or so.
Redtail Hawk - pair circling over Kinkle butte
Sparrow Hawk - a single one on wire line - last I have seen in long while.
Bobwhite - several in gravel road about 50 feet from
Pheasant rooster in same gravel road.
Killdeer - a couple flying over the area.
Gull - one on gravel bar of Willamette River southeast of Corvallis. Pink legs. Bill not ringed, but plumage was not quite full adult, anyway.
Mourning Doves - several on wire lines along the road.
Long-eared Owl - flushed from ash-oak area in the water on west edge of swamp.
Little Flycatchers calling.
Horned Lark - a couple of adults and one immature seen on fence posts.
Violet-green Swallows
Tree Swallows
Roug.-winged Swallows
Barn Swallows - still 1 young on nest, but it flew as I reached for it. It climbed high into the air and circled around with the parents, without the least difficulty, as if it had been flying before.
Cliff Swallows
Oregon Chickadee - one calling from Hawthorne thickets
Crows - 2 or 3 seen.
Tule Wrens singing everywhere over the swamp area.
Robin - a couple
Russet-backed Thrush - singing
Cedar Waxwings seem to be everywhere - on wire lines and chasing each other in ash area.
Pacific Yellowthroats - many in brush areas about and in swamp. Very common. Singing.
Redwings - abundant - no young or eggs found in nests.
Towhees in brush
Willow Goldfinches common
Vesper Sparrow singing [illegible]
Chipping Sparrow
Song Sparrows.

N. Cemetery Hill - 630 p.m. scotch broom area - Chats calling often.

MacDonald Forest - 330-530 p. m. Band-tailed Pigeon - Anna's Hummingbird - Red-breasted Sapsucker - Olive-sided Flycatcher - Western Flycatcher - Steller Jay - Red-breasted Nuthatch - Creeper - Winter Wren - House Wren - Robin - Russet-backed Thrush - Cedar Waxwing - [illegible]. Tanager - Evening Grosbeak

July 15, 1948 - Corvallis to 12-mile Swamp - 0830-0815. Clear, calm

Vulture - none
Sparrow Hawk
Pheasants - 3 immatures in 6' tree
Gairdner Wood pecker
Violet-green Swallow
Barn Swallow - 4
Cliff Swallows 8
Robin
Bluebird
Cedar Wax wing
Towhees
Brewer Blackbirds
Lazuli Bunting
Pine Siskins Willow Goldfinch

July 16, 1948 - 12-mile Swamp - 0815-0915, Clear and calm

Pied-billed Grebe
Mallard
Wood Duck - 3 or 5 immatures
Bobwhites
Virginia Rails - 2 diff. calling
Mourning Doves
Little Flycatchers
Violet-green Swallows
Tree Swallows
Cliff Swallows
Barn Swallow - several pairs. Also, both adults at previous nest, which was in clean condition. 8 eggs. took pic of it. Nest in cart. box.

Oregon Chickadee
Robin
Cassin Vireo - immature pale wing bars and eye ring. Fellow on breast gives - giving off-tone churrs and chat-like "chucks".
Pacific Yellowthroats
Redwing Blackbirds - mostly immatures
Brewer Blackbirds
Purple Finch
Lazuli Bunting
Amer. Goldfinch

July 16, 1948 - 12-mile Swamp to Cheshire - 0930-0950.
Vulture - 1 seen at 09?? - 1st of the day.
Rufous Hummingbird
Crow
Russet-backed Thrush
Cedar Wax wing
English Sparrow
Lazuli Bunting
Towhees
Vesper Sparrow

July 16, 1948 - Fern Ridge Reservoir, Lane Co. 0950-1630, 85°F
Pied-billed Grebe
White Pelicans - 7 seen
Mallard
Green Heron
Bittern
Mallards and 4 young, also nest on low island - very little down - 8 eggs, at base of rose bush. Nest about 3½" deep and 7" across.
"Blue-winged"Teal - 9 seen on July 15th by Ben Pruitt.
Hooded Merganser - pair in cattails at south end.
Vulture
Sparrow Hawk
Pheasant
Virginia rail Heard
Coots - plenty - young also. calling
Killdeer
Spotted Sandpipers - 15
Greater Yellow-legs - 2
Least Sandpipers - 15-20 (58 on July 15th by Ben Pruitt)
Mourning Doves common
Rufous Hummingbird
Kingfisher
Flicker
Little Flycatcher
Horned Larks singing up to 50' in air - one dropped over 30' vertically to road

OVER OVER

Violet-green Swallows
Tree Swallows
Rough-winged Swallows
Barn Swallows
Cliff Swallows
Crows
Oregon Chickadee
Tule Wren
Seattle Wren
Russet-backed Thrush
Robin
W. Bluebirds
Cedar Waxwings
Warbling Vireo
Yellow Warbler
Audubon Warbler
Black-throated Gray Warbler
Long-tailed Chat
Pacific Yellow-throats - clocked one for ¼mile at 30 mph.
English Sparrows
Meadowlarks
Yellow-headed Blackbirds - no full acults seen at the NE Dike, but many young and females present Some males nearly in full plumage. Many more at south end in cattails. Perhaps 100 altogether.
Redwings - not very many around.
Willow Goldfinch
Savannah Sparrows
Vesper Sparrows
Song Sparrows.

July 11, 1940, Willamette River, 5 miles below Oregon City, 9-11:30p.m. (Full moon, partly cloudy, c[illegible].
Blue Herons - a couple on the river, one would squawk off and on till [illegible]
Pintails - a flight of 11 went up the river about 10 p.m.
Spotted Sandpipers - 8 on gravel bars along this stretch of the river. [illegible] two different ways off and on till at least 11 p.m.
Gull - unidentified flew up the river . (Also an immature at Albany 7-[illegible]-40 at noon.
Nighthawks everywhere
Vaux Swifts a half doz on flying at dusk above the river.
Kingfishers - 4 in the area, flying in and out of cottonwoods
Crows - at least 50 flew into nearby cottonwoods, and finally left, [illegible] dusk
Russet-backed Thrushes calling until a little after dark,

July [illegible], 1948, Corvallis to 12-mile Swamp - 0755-0815, Ovc/10 Bran. Calm. Cool.
Occas'l lt.-

Yellow-[illegible]
[illegible]
[illegible]
[illegible]
Violet-green Sw[illegible] -
Cliff Swallows
Crow
Oregon Chickadee
Robin - 1
[illegible] -
[illegible]
Cedar Waxwing
Brewer Blackbird - 5
Junco
[illegible]

July 25, 1948 12-mile Swamp, 0815-0825
Barn Swallows - 20 to 25 in area. Previous nest had 4 eggs, 4th one feather covering them.
Marsh Wrens singing.

July [illegible], 1948 12-mile Swamp to Fern Ridge, Lane Co. 0815-0845 40 Ovc.

Robin
Killdeer - 1
Little Flycatcher - 2
Horned Lark - 3
Violet-green Swallows - 101 - first flocking of the year observed.
Crow
Robin - 4
Audubon Warbler - 5
[illegible] -
[illegible]
[illegible] - 3
[illegible] - 1

July 25, 1948 Fern Ridge Reservoir - 0850-1000, Ovc/40Brkn. Calm.
Pied-billed Grebe
White Pelicans
[illegible]
[illegible]
[illegible]
Wood Duck female
Vulture - 1st one seen at 0830
[illegible]
Coots - 1 call they gave was not unlike a Goose
[illegible]
Wilson Snipe in marshy area at s. end - 4
Yellowlegs - a few
[illegible] Sanpiper -
? Gull - immatures
[illegible]
Kingfisher
California Woodpecker - 2 adults carrying black cherries to a tall black oak beside a barn in a farmyard not far from the gravel road. Gave alarm notes. This black oak was a perfect spot for them.
[illegible]
[illegible]
Violet- [illegible] -
Cliff [illegible] - [illegible] in [illegible]
[illegible] juv. [illegible]

Crows - 15 to 20 at edge of water on old [illegible].
Oregon Chickadees - many
Slender-billed Nuthatch
[illegible]
Tule Wren
Robin
[illegible] Bluebirds
Cedar Waxwings
Warbling Vireos in brush near the water.
Yellow Warbler
Audubon Warbler
Pacific Yellowthroats
Long-tailed Chat
Meadowlark
Yellowheaded Blackbird - just 1 seen
Redwings -
Brewer Blackbird
Willow Goldfinch
Oregon Towhee
Vesper Sparrow
Song Sparrow

July [illegible], [illegible], Cottage Grove Reservoir. 12:00-1:15. 85 Fahr. Calm.

[illegible]-billed Grebe seen and calling
[illegible] adult at 150' in 1. Fir snag in cut-over forest area, but not over 100 yards from a small creek, where it may be nesting.
[illegible] - 17 in one feeding group
[illegible]s at lagoon - 5
Black Phoebe - nest found previously was tipped over by cattle. 1 egg yet.
[illegible]-bellied Swallow
[illegible] Swallows along river above the lake area.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]-backed Chickadee in fir forest area.
[illegible]-breasted Nuthatch
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

102

June [illegible], 1948 Summit Lenoon to Yoncalla Pass (Willamette-Umpqua) 11:00-12:30

[illegible]e flew over
[illegible] hummingbird in cut-over snag area.
[illegible]
[illegible]
Winter Wrens - in log jam and dirt area - very pale colored, but alert notes typical.
[illegible]

703

July [illegible], 1948, In Scott Valley near old school on E side of road. (2 mi. E of Yoncalla bridge).
[illegible]v. 2:00 1:15-2:05
[illegible]
Mountain Quail - pale back - covey of 15 [illegible]'lers.
[illegible]-tailed Pigeons in cottonwoods along creek.
[illegible] Doves on ground by water
[illegible]ers on ground by water and on snags
[illegible] Fly catcher
[illegible] Jays common
[illegible] on ground by water.
[illegible]
[illegible] Willivray Warblers in chaparral bursh areas.
[illegible]
[illegible]cent Warblers
[illegible] Headed Grosbeaks common
[illegible] Bunting singing from wi[illegible].
[illegible]
Common [illegible]
[illegible] - young birds everywhere
[illegible]
[illegible]
[illegible]

704

Jul[illegible], [illegible] 4.5 miles North of Oakland, 1405-1425 on U.S. [illegible].

905

Vulture
Barn Swallows - near water
Oregon Towhees - lots of white.

July 25, 1948, North Umpqua R., from 5 miles below Winchester bridge up to bridge. 1010-1015. Clear and hot.

Green Heron
Vultures common - feeding on gray digger
Little Flycatcher
Crow
Oregon Chickadees
Seattle Wren
Robin
Macgillivray Warbler
Black-headed Grosbeaks common in deciduous trees near river.
Lazuli Bunting
Purple Finch

906

July 25, 1948, South Umpqua R at Myrtle Creek, 1750-1850, 50 Secs. 80°F.

Green Heron adult
Spotted Sandpiper - orange-yellow bill - dull yellow feet.
black line through eye.
Mourning Dove
Little Flycatcher very dark breasted here.
Warbling Vireo
Yellow Warbler
Western Tanager
[illegible]

907

Chaparral Habitat ½-mile above river on N side.
Downy Woodpecker Madrone and Black oak (1830-1900).
Violet-green Swallows
Oregon Chickadees common
Black-thiated Gray Warblers- many adults and immatures.
Chipping Sparrows - many immatures.

July 24, 1948 Rogue-Umpqua Divide 1235 near. Elev. 3350'.

Vulture
Vaux Swift
Steller Jay
Black-headed Grosbeak

908

Jul[illegible] 24, 1948, Trail Creek, 4 miles N of Trail, Jackson Co. [illegible].

Vulture
Mountain Quail and 8 young in open dry brush 100 feet from the creek
[illegible]

909

[illegible]
Little Flycatchers
Oregon Chickadee
Robin
Western Tanager
[illegible]
Lazuli Buntings
Oregon Towhees.

July 24, 1948, Garfield Peak, S. Liv Crater Lake N. P. Elev. 710 -8060 feet.
1800-1915. Clear and calm.

Rufous Hummingbirds - several
Olive-sided Flycatcher calling at dusk - 1 mi. .. of lodge area.
Gray Jay
Steller Jays
Raven
Nutcrackers - many - some immatures
Mountain Chickadee
Robin
Solitaire - singular note
Cassin Purple Finch
Rosy Finches - catch only momentary glimpses of them perched on rocky outcrops
Chipping Sparrows - young birds seen around the small clumps of firs, etc.
Juncos quite common

At the very summit - 8060' -
Nutcracker , Pine Siskins, and Rosy finches.

July 25, 1948, ... Gate, Crater Lake, N. P. 0430-0700.

Harris Woodpecker
Violet-green Swallows - 2
Steller Jay
Red-breasted Nuthatch
Robin
Townsend's Solitaire singing at 0428, still quite darkish.
Audubon Warbler
Western Tanager
Pine Siskins
Junco

July 25, 1948, Crater Lake Rim. 0730-0900. Clear and calm.
Red-tailed Hawk
Rufous Hummingbird - many - one chasing immature Audubon Warbler
Olive-sided Flycatcher
Steller Jay
Raven
Clarke Nutcrackers - many
Mountain Chickadee
Red-breasted Nuthatches
Audubon Warbler
Western Tanager
Juncos.

July 25, 1948, The Watchman, N. Rim, 1015-1100.
Pine Siskins,
Junco

July 25, 1948, Llao Rock, (8246' Elev.). 1130-1230.
Violet-green Swallows - 2
Raven - carrying full crust of bread
Clarke Nutcracker
Pine Siskins
Junco

July [illegible], 1948. Sutton Ridge (6800'). south of Crater Lake Rim area.

Mountain Bluebirds - 5 seen in open scattered snag area at 1450.

July 25, 1948. Sand Creek, near Ranger Station at junction of Kerr Notch, Bend Road, and E. Gate road at 5900'. 1505-1715.
With Dr. Lon. S. Farner, and David B. Marshall.

Western Flycatcher - located pair of adults making feeding runs to nest. Sometimes infrequently, others right after each other! Quite yellowish underparts - no bigger than Little Flycatcher.

The nest was on SE side of Sand Creek canyon, 50' from canyon bottom, under "spring," overhanging bank with 8' of bare sandstone, wet and mossy, below it. Scattered Mimulus guttatus on this slope. Nest directly under 4" overhang. Wet site. Young in nest. Number ? - couldn't be determined. A new nesting record for the park area.

Steller Jay scolding

Ruby-crowned Kinglet - I spotted one carrying a "Lycaenae" butterfly into a clump of Pinus contorta. This was on the west side of Sand Creek at top of rim about 200' above canyon bottom. After much beating around the bush, it did go to the nest in one tree at the top of a NE facing bluff.

The nest was on the open east side of tree, 10' up in dense cluster of twigs at the end of a down-hanging limb. Nest bound into 3 different twigs for support.

Nest lines with feathers chiefly breast of Flicker (containing spot), and some yellow and red chest and neck feathers of Western Tanager.
Nest bottom had 1½" dept of inside part almost all W. Tanger feathers - yellow.
Outside of nest of fine decayed vegetation and lichens. Some Ceanothus and some crumpebristled composite fruits.

Inside diameter 2½" Outside 3½" to 3 3/4"
Inside depth 1½" Outside 4¼"

3 young flew as I touched the nest - 1 and egg remained.
Young flew well, some high and over 50 feet out.

Pine Siskins
Junco singing
Lincoln Sparrow singing from willow thickets along creek
Western Tanager calling.

July 26, 1948 [illegible]. Gate at 5100' 0600-0645.
Red-breasted Sapsucker
Gray Jay - family of 8
Mountain Chickadee
Red breasted Nuthatch nesting in 32" L BH Red fir dead top part.
Townsend Solitaire singing
Golden-crowned Kinglet
[illegible]
Junco

July [illegible], 1966, Whitehorse Rock Quarry on N. entrance road. 5750' elev. 0700-0740.

Harris Woodpecker - 2 adults carrying food to nest hole at 40' on SE side of red fir barkless snag. Old nest hole on S. side just 4' above the new nest. Snag in clearing near quarry, with other scattered snags. No low shrubs present.
Clarke Nutcracker
Mountain Chickadee - [illegible] 15' [illegible]. 9/25
both parents feeding nest. Young chattered when parent entered.
[illegible] feeding - many adults.
Townsend Solitaire singing.
[illegible]-crowned Kinglets
Hermit Warbler - a couple
Western Tanager
[illegible]
[illegible]
[illegible].

July 26, 1966, Annie Springs 0800-1000, 6000' elev.

[illegible]
[illegible]
[illegible]-sided Flycatcher
[illegible]-backed Chickadee
[illegible]-breasted Nuthatch 9/16
[illegible] singing in old dense hemlock clump
[illegible]
[illegible]-crowned Kinglet
[illegible] Tanager.
[illegible]
[illegible]
[illegible] Sparrow came within 5 feet of me while I was stalking Marmot.
[illegible] July

July [illegible], 1966, Crater Lake, Rim, near village. 1130-1[illegible]0. 7[illegible]0' elev.

Nutcrackers
Brewer Blackbirds - 1 male and 5 females flying from one clump of white-barked pine to another. There was a very strong wind from the west during this time, carrying clouds of pollen over the rim, and dropping it into the lake. It could have brought these birds up here. 9/17
[illegible]
Juncos.

July [illegible], 1948, Crater Lake, Munsn Valley, south of headquarters - 1550-1700. Elev. 6250' to 6550'.

Higher ridges parklike (mostly lupine now). Red fir, hemlock, and lodgepole. Valleys inbetween springy and boggy with willow thickets along creeks. Sedge and elephant heads.

Golden-eagle soaring over Garfield [illegible]
Rufous Hummingbirds several seen
Steller Jays scolding and 1 chasing Nutcracker
Nutcracker - pair flycatching adeptly from live and dead red fire and feeding young in 50' red fir at nest height of 35 to 40 feet.
Mountain Chickadee - several pairs
Ruby-crowned Kinglets
Golden-crowned Kinglets
Orange-crowned Warblers - 4 pairs seen in overlapping territory with Lincoln Sparrow
Calaveras Warbler - several singles feeding in lodgepole and hemlock.
One pair in willow therritory with Orange-crowned Warblers and Lincoln Sparrows.
Black-throated Gray Warbler - 1 male
W. Tanagers - calling and singing most of the afternoon
Juncos - pairs very common. 1 nest containing 4 young on ground at base of hemlock-red fir clump in dry parkland area.
Chipping Sparrow male calling at 1650
Lincoln Sparrows - pairs in willow-bog territories - one pair had nest we could not find in Larix occidentalis thicket.

July 27, 1948. Fort Klamath - irrigated valley area - mostly beef cattle pasture. 0720-0750.

Red-tailed Hawk
Sparrow Hawk - 2
Killdeer
Flicker - in lodgepole brush
Western Bluebirds
Mountain Bluebirds - 4 or 5 of them in open field areas.

July 27, 1948. Pine Meadow area north of Rocky Point. 0620-0645.

Flickers - many on the ground
Hairy Woodpecker
Red-breasted Sapsucker
Steller Jays common
Bush-tits - pair - very brown-headed.
Pigmy Nuthatches in yellow pine
Robins
Golden-crowned Kinglets
Warbling Vireo
Calaveras Warbler in yellow pine and hemlock
Cassin Purple Finch
Green-tailed Towhee - 1st one I have ever seen. It was in a small clump of serviceberry under a yellow pine tree in open gravelly soil area. The light was just perfect for viewing all its colors and irridescence.

July 27, 1946. N. area of Klamath Marshes, in combination with pine, and fir forests of adjacent hillsides. 0800-0900. Mt 1--15, cold, 50 Ovc.

Redtail Hawk
Sparrow Hawk - nest in dead yellow pine in small clearing - hole at 50 feet on east. Adult and one young at nest.
A second nest in yellow pine at edge of forest. Hole 90± feet up on south. 2 young birds nearby. Adults fed one. Only one present now.
Flicker
Red-naped Sapsucker
Hairy Woodpecker
Wood Pewee - nest saddled on SE edge of dead white fir in open. 1½" deep and 2½" diameter outside. Fine plant material and spider webbing.
14 feet above ground. Parents staying nearby. Nest sloping. Fine grass lined. This dead white fir in a small clearing near the edge of the marsh.
Little Flycatcher
Steller Jay
Mountain Chickadees
House Wren
[illegible]
Ruby-crowned Kinglets
Lutescent Warbler
Pacific Yellow-throats - different song than the Wilson. Var. form. Not so rollicking.
Red Crossbills - small flock flew over the forest.
Juncos.
Fox Sparrow singing
Song Sparrow in brush at edge of marsh.

July 27, 1946, Klamath Marshes near Rocky Point, 0945-1350. Hawk
[illegible]
Holboell's Grebe → [illegible]. Ad by Marshall & James - 9-7-48
Western Grebe - several seen
Pied-billed Grebe
White Pelicans
Cormorants - pair swimming in marsh area.
Blue Heron
American Egret - just one seen.
Common Canada Geese - 9 seen.
Mallard and downy young
Virginia Rail
Coot.
King-billed Gulls - 1 of them.
Black Tern - in one area they were particularly common, screaming as they flew low over the marsh vegetation.
Wood Pewees - many
Olivesided Flycatcher
Rough-winged Swallows - a few
Barn Swallows
Black-billed Magpies - 2 flying over marsh area - others seen farther south.
Robin
Cassin Vireo
Warbling Vireo in brush near water.
MacGillivray Warbler
Yellow Warbler
Yellowthroats
Redwings - tricolored
Brewer Blackbirds
Bullock's Oriole in tree at Rocky Point boat dock.
W. Tanager.
Purple Finch (Cassin's ??)
Chipping Sparrow
Song Sparrow.

July 27, 1946. East side Klamath Lake from Klamath Falls to Klamath Agency.
1250-1545. Clear and warm, occasionally windy.

Eared Grebe - pair
Western Grebe - they float, sleeping, with head laid back on back, toward rear.
One light gray downy young 1/3 grown, at least.
Pied-billed Grebe -
White Pelicans
Cormorants
Blue Heron
Bittern flying over marsh area.
Mallard
Vulture
Redtail Hawk
Marsh Hawk female or immature.
Osprey flying over rocky point area near Modoc Point.
Sparrow Hawk
Coot
Killdeer
Wilson Snipe - flushed 4 or them.
California Gulls -
Forester's Tern - small tern, with deep swallow-tail
Caspian Tern - saw 3 of them. Much larger than foresters and with a notched tail.
Burrowing Owl
Pacific Nighthawks - 3 of them feeding.
Vaux Swift.
Flicker
[illegible]
Little Flycatcher
Wood Pewee
Violet green Swallow
Bank Swallows
Barn Swallows
California Jay - 4 in brush on hillsides above the lake.
Magpies - several seen along the highway and edge of the lake.
Bushtits
Pigmy Nuthatch
Creeper in quite open yellow pine forest.
Robin Yellow-throat [illegible] Bluebirds
Meadowlark English Sparrows
Yellow-headed Blackbirds feeding in sage. Also many in one marsh area - they tend to nest in colonies, as do the Black terns.
Redwings - a few
Brewer Blackbirds
Western Tanagers
Purple Finch
Savannah Sparrows
Chipping Sparrows

July 27, 1946. Ft. Klamath (4180') 1600

Sparrow Hawk Robin Mountain Bluebirds

DAVIS LAKE, 7 MILES N. OF WILLAMETTE PASS HWY

July 27, 1948 (730 p.m.) to July 28 (830 a.m.). Elev. 4685'±

924

Eared Grebes - 11 of them on west side
White Pelican - 1 on marshy bar at northwest corner of lake.
Canada Geese came in at dusk. 15 on bar with gulls this a.m. and 30 more seen on W side, and 6 on N side in the a.m.
Cackling Geese - 14 seen
Barrow's Golden-eyes - 2 seen
Osprey - flying with moving flock of 150± gulls in the evening. In the a.m. I watched one dive under the surface from a height of 125' and come up with a 9" fish, and in a period of 5 minutes it had circled to well over 2000' and over 4 miles to the N.
Sparrow Hawk
Coots
Killdeer
California or Ring-billed Gulls - 100's flying to & across L and accompanied by an osprey in the evening.
Pacific Nighthawk lit on ground in my camp area.
Flicker
[illegible]
Wood Pewee
Little Flycatchers common
[illegible]
Barn Swallows
Cliff Swallows
Purple Martins - a half-dozen immatures or females flying over the south end of the lake this a.m. with the swallows.
Steller Jays common
Clarke Nutcrackers - 4 in pines along the lake edge on the west side.
Mountain Chickadees
Red-breasted Nuthatches
Pigmy Nuthatches in yellow pine.
[illegible]
Mountain Bluebirds in open meadow areas.
Warbling Vireos
[illegible]
Brewer Blackbirds
Western Tanagers singing and calling
Pine Siskins
Crossbills - young ones, early in a.m.
Savannah Sparrows
Chipping Sparrows

124

July 28, 1948. Cultus Lake, 0945.

925

Creeper singing
Crossbills - 25 in one flock that flew over.

July 28, 1948. Deschutes Bridge -- 1010-1030 El. 4485'.

926

Mountain Chickadees
Warbling Vireo
Audubon Warbler
Brewer Blackbirds - 6 of them.
Chipping Sparrows
Song Sparrows.

July 28, 1948. Little Lava Lake, 1045.

927

Olive sided Flycatcher,
Mountain Chickadee
Western Tanager.

Jul[illegible] Lake, S of Elk Lake, 11[illegible].

Pacific [illegible] - 6 feeding on dragonflies over the south end of the [illegible].
[illegible]
Juncos.

Jul[illegible]. Scott Lake - 0800-0915. 4750' elevation.

Canada Jay
Spotted Sandpiper - at Hand Lake
Screech Owl - heard one the evening of the 26th.
Pacific Nighthawk
[illegible] Hummingbird common
Olive-sided Flycatcher
Steller Jay
[illegible]
[illegible]
Red-breasted Nuthatches
[illegible]
[illegible] Thrush singing in evening
[illegible] Bluebird in meadow near Hand Lake.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
Juncos

July [illegible]. 1½-mile swamp, south of Corvallis, Benton Co.
1410-1440. [illegible]arm, NE 3-4.

[illegible] -
[illegible]
[illegible] - several
[illegible] Lark singing in nearby field
[illegible] Swallows - adult [illegible] nest - 4 white large eggs in the same nest.
[illegible] Swallows - few
[illegible] one flock of 50-6 in all there were.
[illegible] Sparrows.

August 12, 1948, Pudding R. Bottom and adjacent slough W of Mt. Angel
~~[illegible]~~ -ø/ C# 1945-2015 PST

Anthony's Green Heron - one flew from Pudding R. bottoms into marshy field by slough.
Blue Heron - one croaked from the marshy field area.
Mallards - at least 15 birds quacking and flying about over the marshy field.
Brewster's Screech Owl - - one perched in top of small D. Fir on near-open hillside.
Great Horned Owl - a large male ~~pr~~ flew into another small D. Fir on this hillside./
Wilson S nipe - a single flew over the marshy field area. /(after ducks)??
Spotted Sandpiper calling from small gravel bar in riffle area of Pudding River.
Horned Larks singing in open fields and pasture areas, flat, nearby.
Killdeer calling from field s
Mourning Doves - scattered individuals along the gravel roads this p.m. And on wire lines
Russet-backed Thrushes singing in river-bottom brush areas. ~~And~~/ø/
Lazuli Buntings singing from wire lines along the road.

August 18, 1948, 521 Hayes Street, Woodburn, Oregon - All day, 50vc to 30 Brkn. Calm.
Killdeer - occasional onesfly over, calling.
Mourning Dove - calling from neighboring block.
Brewster's Screech Owl - one heard within the past 3 nites about 930 p.m.
Nighthawk - none heard since quite cool weather came Saturday p.m. (Aug. 14).
Vaux Swift - occasionally one or two seen during afternoon over our place.
Rufous Hummingbird - at least 3 individuals spend much time about our zinnias, geraniums, and asters. one full male, others???
Flicker - calls infrequently from dying black walnut in neighbors yard, or from pole.
Gairdner Woodpecker - about 1 heard every day in walnuts in neighbors yard.
Wood Pewees common in walnuts and maples. Call frequently, and often pugnaciously chase each other, or other species.
Violet-green Swallows - very few still seen around. No other species.
Long-tailed Jays - at least 5 in area within 150 feet of our house. Adults teaching young to fly. Young "screech" constantly at such times, as parents leave them. Birds are bold. At Nendels, they light on back steps, squawk, and upon being tossed bread crumbs, keep quiet, feed, and then fly peacefully away.
Oregon Chickadees - small groups of 4 to 8 or 9 move thru our trees and shrubs.
Slender-billed Nuthatches occupying English walnut trees in neighbors yard all summer. Call at varied times throughout the day.
Seattle Wren - sing very infrequently this late in the summer.
Robin - few adults and many young birds around, particularly in cherry tree. Do lots of squawking, and fighting.
Cedar Waxwings - few seen or heard now, compared to about a month ago.
Warbling Vireos - sing beautifully from twigs of English walnut trees around place.
Lutescent Warbler - occasionally seen.
Yellow Warblers - adults and young in walnuts, and on our lawns, particularly about the water sprinklers, but they do not seem to sing any more.
Black-throated Gray Warblers - adults and young raised in hedgerow common in the trees now. Fight over food, and chase each other boldly.
English Sparrows - a few.
Brewer Blackbirds - small flocks fly over, particularly in the evening.
Western Tanagers - immature males and females have been in tall, old walnut trees for several weeks. Males acquiring full adult plumage now.
Black-headed Grosbeak - adults occasionally seen, but not for about a week.
Willow Goldfinch - pairs or small groups of 4 or 5 come into yard infrequently.
Oregon Towhee - seen infrequently.
Song Sparrow - only a few seen now and then.

August 20, 1948, Pudding River, Woodburn Oregon - 0715-0815 - woods ¼GF& clear and calm.
Red-breasted S apsucker - one immature working maple. Had dark gray head
Little Flycatcher
Wood Pewee - several seen and heard
Olive-sided Flycatchers - 6-7 in family group. perch on snag tops. 2 would chase each other viciously and constantly.
Stellar Jay - a couple calling, and one feeding on hazel nuts
Oregon Chickadees - small groups working brush and trees.
Red-breasted Nuthatch - at least half a dozen around
Russet-backed Thrush - adults calling, and tailless young, 1/3 grown seen.
Golden-growned Kinglets - working fir forest areas.
Ruby-crowned Kinglets - immature or female in maple-brush areas.
Cassin Vireo - several calling
Warbling Vireo - 2 or 3 seen. Others singing beautifully.
MacGillivray Warbler - in hazel-maple brush in ash woods
Black-throated Gray Warbler - a few adults and many immatures in tree-tops, and brush.
Western Tanager - one heard
Juncos - 4 or 5 in one flock at edge of copice fir, on pasture ground.
Fox Sparrows along river, in brush.

Same, in brush-pasture area. 0815-0830.

Kingfishers - a pair flew up the river, calling.
Gairdner Woodpecker - wor king willow in dried-up pond area.
Western Flycatcher - two were seen in Cascara tree. Yellowing underparts distinct.
Wood Pewees - a couple in service-berry thicket
Robins - several
W. Bluebirds - 2 flew over
Cedar Waxwings - pair of immatures perched on wire line.
Oregon Towhee
Song Sparrows.

Along hiway back to Woodburn - 0730-0745. Clear and calm.
Sparrow Hawk on pole
Killdeer- in pasture area near small creek.
Mourning Dove - just one flying over
Horned Lark - at edge of road
Brewer Blackbirds - pair on wire line
Lazuli Bunting - 3 different immatures, or molting adults seen on wire lines.
Vesper Sparrows on wire fence.
Savannah Sparrow on ground at edge of road.

August 22, 1948, 521 Hayes St. Woodburn. 0730-0830 PST. R last nite, now 15 Ovc.
Flicker feeding on ground in our backyard along with
Wood Pewee on wire line and
Robins - about 15, most, if not all immatures. Some showed spotty albinism, and others showed coloration mutation - like tan, instead of gray on head. Feeding.
Yellow Warbler - a couple in walnut tree
Black-throated Gray Warbler - at least 4 in our backyard. One feeding consistently on the ground in wet grass of backyard. One preened 5 minutes in cypress. First the body, then the tail, and then the wings.
Oregon Chickadees - small flock of 7 or 8 moved through
Western Tanagers - at least 8 or 10 have been around the yard, and two females were here this a.m. Others in neighbors walnuts and one cherry tree where they were feeding on the last remaining fruits. Others feeding in tops of 100' birch. Have a singular note, rather musical, partially similar to the R-b. Thrush.

August 22, 1948, Needy-Mollala area. 1600-1715.
Lewis Woodpecker - one seen flying across the road
White-crowned Sparrow - one flew from edge of road to brush. 1st seen in long while.

August 28, 1948, Silverton to Silver Creek Falls Park, 1130-1200. Clear calm.
Vultures over most of the ridges, circling up on thermals.

August 28, 1948, SE 82, south of Foster Road, Portland, Oregon. 1030 pm.

Dowitchers - a flight of unknown numbers circled low over the open theatre area.

August 30, 1948, 12-mile Swamp south of Corvallis, Benton Co., Oregon. 1620-1630 PST
Vultures common
Killdeer
Violet-green Swallows - quite a few, many immatures on wire lines.
Barn Swallows - several adult pairs over swamp area.
Nest found torn from wall, broken in two, and 3 young, dead over a week. partially eaten and strewn within 20 foot circle of nest site. Primarly quills to 1" long. sheathed yet. None opened .
Tule Wrens - few seen, and only fragmentary songs heard, none being full.
Redwings flocked - not over 75-100 in the area. No typical calling, just short notes.

CALIFORNIA:

August 31, 1948 Shasta Dam to Redding - 0630-0700. Clear and calm.

Mourning Doves - several seen
Flicker - one called
Lewis Woodpeckers - one bunch of 6 flew from one clump of trees to another. 2 adults.
Oregon Chickadee - few heard and seen.
Calif. Bush Tits - 3 seen
California Shrike - perched on wire lines. One on bridge feeding on carrion.
Meadowlark - several on fences and wire lines.

August 31, 1948 Corning - Orlando 0900-0915.
American Egrets - 7 at edge of pool in field.
Cooper Hawk over olive orchard area.
Mourning Doves - quite a few flying and on wire lines.
Burrowing Owl - one perched on 15' crossarm of telephone pole. Pale color.
California Woodpecker - 2 or 3 seen on poles and trees., or flying.
Western Kingbird - 2 different one within one mile, on wire lines.
Barn Swallows - flying in pairs close to hiway culvert - probably irrigation channel.
California Shrike - several seen.
Meadowlarks
Brewer Blackbirds
House Finches - group of 7 on wire line within 10 feet of each other.

August 31, 1948 Orlando - Willows 0915-0930
Vulture
Mourning Dove
California Shrike
English Sparrow
Purple Finch

August 31, 1948 Willows - Williams 0930-1000.

American Egrets - several
Bittern - one flew over hiway
Vultures circling over the area.
Pheasants - adult hens and young along gravel on hiway.
Canada Goose SSP??? - young bird not over 1 foot high at edge of hiway. Little feathering
Mallards - flight of 6 over hiway.
Dowitcher - flock of 15 or 20 feeding with Avocets and stilts in mud area.
Black-necked Stilts - about 5 feeding with avocets and dowitchers
Avocets - About 35 or 40 feeding ~~ii~~ with stilts and dowitchers.
Mourning Dove - several
W. Kingbirds on wirelines
Bank Swallows - 3
Barn Swallows -
California Shrikes - 2 seen on fences
Yellow-headed Blackbird - one male and 2 females ??
Redwings common - small flocks seen.

August 31, 1948 Williams - Woodland - 1000-1030

Redtail Hakw- one circling
Sparrow Hawks - 2 full adults seen
Mourning Doves
English Sparrows
Redwing Blackbirds

August 31, 1948 Woodland - Sacramento - 1030-~~10~~30.1100.

Pied-billed Grebe on slough
Farallon Cormorants - 2.

September 4, 1948, Gorman (N of L.A) 630 a.m.
Starlings - se veral adult males seen.

Sept. 4, 1948. Westlake Park, LA, 5 p.m. Clear, warm, calm.

Mallards - few
Coots - several - adults and feeding one downy young abat 4" long. Its bil- orangish. Another - near adult size young, gray plumage and with gray bill.
California Gulls
Brewer Blackbirds.
English Sparrows.

September 5, 1948. Griffith Park, L. A. 10-1 p.m. Clear and warm, calm.

California Quail - several calling
Mourning Doves - few
Flicker - c alling and I saw 2
Willow Woodpec ker (Downy) heavy wing spotting, red nape mark. Called.
California Jay - several seen and heard. Feeding on cherry fruits.
Bush Tits - small flock of 10 or 15 of them.
Wren Tits - calls quite similar to those of coastal Oregon butlighter colored. Quite common in the chaparral-covered slopes.
Plain Titmouse - 2 seen. obscure gray, crest, no other prominent markings.
California Thrashers - 2 or 3 seen.
Warbling Vireo - 3 seen in trees
English Sparrows
House Finches common
Black-headed Grosbeaks - about 12 or 15 immatures seen high in trees.
San Diego Towhee - one heard and seen.
California Brown Towhee - 3 or 4 seen. Tame. Mostly on ground under brush. Curious.

Sept. 5, 1948. LaBrea Tar Pits - Wilshire Blvd. 4 p.m.
Killdeer - 3 pair
Mourning Doves - 8 to 10 pairs
Black-chinned Hummingbird - small - blue-black throat - greenish body. bronze on wings.
California Jay - several.
California SHRIKES - 2 or 3 seen.
Brewer Blackbird
House Finches - 2 or 3 small flocks.

Sept. 6, 1948 Fresno-Madera (20 miles) 0530-0600. Before sunrise.

Egret
Killdeer - 2
Mourning Doves - 3
W. Crow - 1
Shrike - 1
Brewer Blackbird - 79
House Finches common
Meadowlarks - several on wires.

Sept. 6, 1948 Merced-Attwater.

Egrets	Dowitchers	English Sparrows	Barn Swallows
Yellow-legs - 4	House Finch	Brewer Blackbirds.	

September 8, 1948. Sacramento Wildlife Refuge, Willows, Calif. 10 a.m. - 3 pm PDST
(10,000 acres)

Pied-billed Grebes - 15 or so adults seen. 2 pairs with young less than a week old. Young were good divers, too.

Farallon Cormorants - perhaps a dozen scattered individuals seen. Few immatures.

White pelicans - at least 200 seen on the area. Most in small, scattered groups, but one compact flock of 60-75 birds, ½ adults. The immatures were more alert than the adults, and had more pinkish bills, and fuzz-downy heads. No horns.

Blue herons - adults and immatures common. Solitarily or in association with egrets.

Anthony's Green Herons very common along the "Logan River" or ditch, few being in the true marsh areas. This may because of the short willow growth, etc. available alo ng the river or canal. No evident immatures seen.

Black-crowned Night Herons exceedingly common, both adults and immatures. These birds were commonly seen perched in trees, wherever available. Immatures were a quite unifor m gray color, with a buffy curved line running out the wing, but no other distinctive markings.

Bitterns - a dozen or so adults, and 5 or 6 immatures seen.

Least Bittern - a new life-lister for me ! Brownish, with rusty wings, and not over 10" or so high. Would alight in tules, when flushed.

Canada Geese - probably Cacklers - about 30-50 in area in small scattered groups, and a few solitary. Heard calls only once, so I can't be too sure. They appear much to small for the lessers, however.

Mallards - few seen in the morning round, but we saw several hundred in the p.m. Males, females, and immatures.

Baldpates - flocks of 25 to 30 seen in two different areas.

Pintails - 1000's of them in the marsh areas in huge flocks. A sight to see them as they are flushed.

Gadwalls - not over 10 or 15 seen altogether.

Cinnamon Teal - perhaps a total of 750 or so seen over the area. Few full males, many molting. About equal M & F.

Green-winged Teal - few seen in a.m., but we found about 1000 total in p.m.

Vultures - several circling over the area.

Redtail Hawks - 2 pairs seen, usually in vicinity of tall Eucalyptus, etc.

Marsh Hawk - a F and a M seen at different imes.

Pheasants very abundant in refuge - both M & F.

Virginia Rails calling occasionally. One found freshly dead along the road. Near adult plumage. Base of lower bill deeply notched or widespread.

Coots common - some small young seen.

Florida Gallinules - purple black and gray color with reddish feet and bill.

Killdeer - a couple of pairs seen.

Dowitchers - scattered pairs flying around. Small flocks of 5-20 birds seen, and we saw one huge flock of 300-350& birds, containing few avocets & stilts.

Avocets - small flocks of 5-15 seen. Not over 75 seen in area.

Black-necked Stilts - very common perhaps 150-200 seen in area.

Mourning Doves - not over 10 pairs seen in area - mostly in dry ground areas.

Flicker - one seen flying.

Barn Swallows - this was the only species seen. Perhaps 2000& in area.

Long-billed Marsh Wren - just 2 seen flying into tules.

California Shrikes common - perhaps 5 to 6 seen every mile of road. They would drop down and fly low as we approached, swooping upward at the end.

Yellow Warblers - just two seen in trees around headquarters.

English Sparrows - few seen ditto.

Meadowlarks - about 30 seen all day.

Bicolored Redwings common in tule areas (appear all red).

Yellowheaded Blackbirds - adults and immatures quite common. Calling, too.

Brewer Blackbirds seen only in headquarters area on dry ground.

Sept. 10, 1948 - Jamestown, Tuolumne county
10³⁰ a.m.

Calif. Woodpecker

Brewer Blackbirds

September 12, 1948, Capitol Park, Sacramento 1330-1700 PST, Calm, and hot.(95&).

W. Wood Pewee - 1
Calif. Long-tailed Jays - 3 seen. ssp??
Robin
McGillivray's (Tolmie#) Warbler - 2 seen at close range
English Sparrows - 30-40
Brewer Blackbirds - 20-30 - all birds seen from one spot in the park, without moving.

September 15, 1948, San Francisco Bay, Berkeley, Calif. 0830 PST. Calm, cool. (65°)

Pintails - raft of about 25 or 30
Dowitchers and
W. Willets feeding on tidal flats near the hiway.
Forester's Terns quite common

September 18, 1948. Freeport-Isleton, 0830-0930 PDST. W5, Sacramento Co. to San Joaquina Co.

California Blue Heron
Sparrow Hawk Pheasant F
Killdeer
California Gull
Mourning Doves
California Woodpeckers - 2
Willow Downy Woodpecker
Rough-winged Swallows - few
Barn Swallows - 100's seen - very common
California Jay - several
Western Crow
San Joaquin Bewick Wren
W. Meadowlark - a couple
Brewer Blackbirds common
House Finch
Sacramento Spotted Towhee
Song Sparrow

September 18, 1948 - Isleto n- Antioch Bridge. 0930-1115 PDST San Joaquin-Contra Costa

Farallon Cormorants - 2 immatures
California Blue Heron
Killdeer
California Gulls
Barn Swallows
Western Crows
California Jays
California Bicolor Redwings
Brewer Blackbirds

Twitchell Island junction - along route above.

Vultures circling - common - not early in a.m.
Sparrow Hawk - 3 or 4
California Valley Quail
Pheasants - 3 adults (2M & 1F) 40' in dead willow.
Monterey red-shafted Flicker - one calling and flew by
California Bush Tits - one flock of 15-20 birds
San Joaquin Bewick Wren - scolding
Intermediate Wren-Tit -(C. f. intermediae)- heard calls from car - later saw them.
Lutescent Warbler - one scold-noting in with bush-tit flock
California bicolor redwing
Purple Finches - a small flock
Greenbacked Goldfinc h - flock, and saw one pair feeding near-adult-sized young.
Sacramento Spotted Towhee - few

September 18,1948 south end, Antioch Bridge, Contra Costa Co. 1115-1200. W 5-10

Coot - calling
California Gulls common
Suisun Long-billed Marsh Wren - singing
California Shr ike - giving variety of call nots
San Francisco Redwings - common. Calling and chattering from depths of Scirpus thickets.
Brewer's Blackbirds - common
Nuttall white-crowned Sparrows - few on ground at edge of willow brush.

Cache Slough - N of Rio Vista.

September 19, 1948. Natoma, below Folsom, ½ mile west. 10300-1110 PDST. Calm, warm.

Vultures very common over the foothill areas.
Redtail Hawk immature. Nest at 30' in live oak.
Flicker - calling and later seen. Just one
California Woodpecker - pair chattering noisely on telephone pole. Others seen on these poles.
Black Phoebe calling from snag over small creek, in open. Later flew high with "butterfly" type of flight,/then dropping into shade of upper foliage of alder. and called.
California Plain Titmouse - several working, with Towhees at heights of 25' in the live oaks. Actually pecking at t e wood.
Pallid Wren-tit - heard two different ones calling.
San Joaquin Wren - immature scolded me, and approached close when I squeeked.
Cassin Vireo - two immatures seen. VWere very curious of me.
Golden-Pileolated Warbler (W. p. chryseolus). Working live oak and alder, in denser portion of swale.
Western Tanager - just one heard, and later seen.
House Finch - small flock of 8 i n tree tops, calling frequently.
Green-backed Goldfinches - adults and immatures seen.
Sacramento Towhee - respond instantly to squeeking. They were working the live oaks with the Plain Titmouse.

Sept. 20, 1948. Folsom - Placerville - 945 to 1015 a.m.
Vultures common
Redtail - 1 immature seen
California Woodpeckers on telephone poles
Lewis Woodpeckers - 4 flying over the hiway, high
Western Kingbird perched on delapidated wagon.

Sept. 25, 1948. North Sacramento, at Macroni Ave, 730 a.m. PDST
Yellow-billed Magpies - 3 seen. Near live oaks

Sept. 25, 1948 Roseville to Lincoln - 0745-0750 a.m. PDST
Snowy Egret
Yellow-billed Magpies - two or three separate bunches seen. Near live oaks
W. Meadowlark - 8 or 9/ mile
Brewer Blackbirds - about 150/mile in singles to flocks of 25-30. Most in pairs.

September 25, 1948. Wheatland to Maryville. 0810-0820 PDST

Sparrow Hawk - 2 or 3 seen on wire lines and over fields
Yellow-billed Magpies - common - 7-7 seen Near live oaks.
W. Crows - 2 or 3 seen
Audubon Warblers - flocks of 15-20 in small bushes at one point along the hiway.
Green-backed Goldfinches - 15 -20 at edge of hiway.

September 25, 1948, Pennington, 3 p.m. PDS T

California Woodpecker - 2 or 3 in live oak woodland
Green-backed Goldfinches - several
Lark Sparrows - sever l seen flying, and one perched on wire line by the road. Chest spot barely developed. Head pattern fairly well-developed. Immature.

September 25, 1948, Grey Lodge Refuge, 0900-1430 PDST, Clear, warm, N 3-8, John Cowan
P.O. Box 655, Gridley. (2600 acres)

John tells me of the nesting: Mallards, mostly, Pintails, Gadwall-few, Cinnamon Teal-125 pairs, Shoveller-2 or 3 pair, Redhead-2pr, Ruddy's present-nest? Avocet and Stilt nest here.

Pied-billed Grebe - many seen, and they would "fold-up" to submerged. Watched one steal a small Centrarchidae from another one. The fish was about 2½" long, and 1¼-1½" deep. The grebe took it and swallowed it head first, flat side down-up
Eared Grebe - one pair in near-winter plumage seen.
Western Grebes - 2 different sets of 4 birds on one large pond. Each set had 2 adults and 2 young birds. More seen elsewhere during the p.m.
White Pelicans - not over a dozen seen. Most had pink bills and fuzzy heads.
Cormorants - Farallon - yellow pouches very showy this time. In pond with W. Grebes Coots, Pied-billed Grebes, Redheads, and Pelicans.
Great Blue Herons - must be 30-40 adults and immatures on the area.
American Egrets - few singles, and we saw 3 flying over 500 feet altitude.
Snowy Egrets - just 1 seen.
Anthony Green Heron - just 3 seen all day
Least Bittern - flushed individually from the Scirpus.
American Bittern - just one flushed
Black-crowned Night-herons - none seen over the refuge till 2 p.m. when I found a heavy concentration at the west end of the "loafing pond". I'd estimate there were between 150-200 individuals. I could see over 50 perched on the Scirpus from one position. I flushed them by waving, shouting and clapping. Before I did this they sounded like a chicken-yard full of hens the way the chattered among themselves. This is the most I have ever seen. Contrasting these with the ones on the Sacramento Refuge where they perched in the taller willows, etc., at the edge of the ponds.
White-fronted Geese - 15-20 seen. Others heard. John says they just came in the other day.
Mallards - not many seen in the a.m, but this p.m. I flushed 100's in waves as I did the pintails in the a.m. Must be 2000 in the area.
Baldpates - just 3 seen. First arrivals, as John hadn't seen them before this yearr.
Pintails - 1000's present, and flushed this a.m. Few males in full plamage. Must have been 5000 in the area.
Gadwalls - few seen
Green-winged Teal - not over 50-100 seen.
Cinnamon Teal - still many present. Must have seen over 750 today. Many males full.
Shoveller - few seen.
Wood Duck - 1 male in full plumage flushed from open water channel in Scirpus.
Redheads - 4 immatures swimming close to coots in open pond, at edge close to Sagittaria.
Ruddy Duck - just 3 or 4 seen. No full males.
Turkey Vultures - none seen on way up here, and none seen till about 930 a.m. Many seen over area. Two feeding on dead jack rabbit.
White-tailed Kite (Elanus leucurus majusculus) - first ones I have ever seen. John took me to Porter's Pond where he knew they hung out. Seems they are quite sedentary in habits. The 1st one I saw was perched in the dead top of a ½-live willow with a Crow just 10 feet away, in the same tree. This bird soon flew low over the open area and served upward to perch on a dead willow tree, where the mate was already perched. Their habitat, here, seems to be scattered willows and cottonwoods, with mostly open marshy, or dry land in which it hunts. John says that from food pellet analysis they eat about 95% Microtus. Their nesting site this year was at a height of 11 feet on the SE side of one small willow adjacent to another willow, these two then being in a large open area. The nest was of flimsy structure. John banded 5 young birds, the adults would dive at him, tho never hitting. In the afternoon, both birds were present in the same area, but soon left when I walked thru their area. I didnot see them again. They look just like the Black-winged Kite of India, that I saw at Karachi in 1945.
Cooper Hawk - one adults flushed from the ground at the edge of the road. We could find no prey, but we did flush a covey of Valley Quail, which it may have been after.
Sharp-shinned Hawk - a couple were seen.

Sept. 25th, Grey Lodge, continued:

Redtail Hawks - quite a few in the area, mostly immatures. John shot one last week that was preying on pheasants. We flushed an immature that had just killed a hen of the year (bursa still prominent). Talon puncture in thich and back. It had begun to feed on the neck, just behind the head.

Golden-Eagle - 2 immatures (windows in wings, and with basal 2/3 of tail white, and prominent black band near tip). They soared over fairly low, one held onto the tail of the other for a moment. These are the first for the year, says John.

Marsh Hawks - many immatures and few adult females seen. Only 1 adult male seen.

Duck Hawk - 1 flew over as we flushed some pintails. It made a fast pass at them, but they veered, and he didn't pursue further. His flight was very swift.

Sparrow Hawk - common in area.

Valley Quail - flushed one covey of about 10 birds.

Pheasants - 100's present, in areas near flooded ponds, as well as in dry fields, of pasture, and of grain. Mostly immature birds, comparatively few adults seen. In the a.m. they were gathering grit from the gravel roads, and as the day warmed we would see them on the roads only in the shelter of willows, etc,. or in the shade along fence rows, not out in the open. Jack Rabbits with them.

Virginia Rail - 1 flushed - several heard.

N.A. Black Gallinule - just a few seen.

Coots - very common - over 1000 on area, I'd say.

Killdeer - over 25 seen, scattered.

Wilson Snipe - flushed one

Greater Yellowlegs - just 4 seen with 2 stilts

Dowitchers - a very few seen.

Black-necked Stilts - 5 or 10 seen.

Avocets - 3 seen.

Mourning Dove - a few, usually flushed from dirt roads thru the marshes.

Red-shafted Flicker (Monterey) - several seen.

Western Kingbird - one perched on well-pump housing near headquarters.

Black Phoebes - several seen. 1 in John's yard - perched on fence and on faucet.

Horned Larks - 3 seen at edge of dirt road running thru quite open, dry field area.

Violet-green Swallows - 2-300 perched on wire line on way in. Few over area during day

Rough-winged Swallow - a couple seen.

Barn Swallows - 100's over the area, feeding, and calling constantly. One groups of about 200 seen perched on Cyperus at edge of large open-water pond this p.m.

California Jay - just 2 seen in willow thicket at NW corner of refuge.

Western C rows - a few flying over area. 1 perched in willow with Kite.

San Joaquin Bewick Wren - several heard scolding - saw 2 - 1 in willows and 1 in Scirpu

Suisun Long-billed Marsh Wren - common - singing and scolding all hours.

California Shrike - about 5 different ones seen in area. Usually close to dirt roads.

Lutescent Warblers - 3 or 4 seen.

Western Yellow throat - 2 seen in willow thicket over water. Gave 1-note alarm note.

Pileolated Warblers - 2 or 3 seen in willows over, or near water.

W. Meadowlarks - few on area, except in dry fields.

English Sparrows - few around the headquarters area.

Yellow-headed Blackbirds - about 50 seen. Many not seen, but heard with their perculiar notes in the Scirpus. Few full adult maeles seen.

California Bicolor Redwing - commo n, and there has been quite an influx the past week according to John. In the refuge they tend to congregate in large groups in spots of tules, putting forth a loud chatter.

Brewer Blackbirds - seen mostly in the dry field areas.

Common American Goldfinches

Green-backed Goldfinches - most abundant of the two.

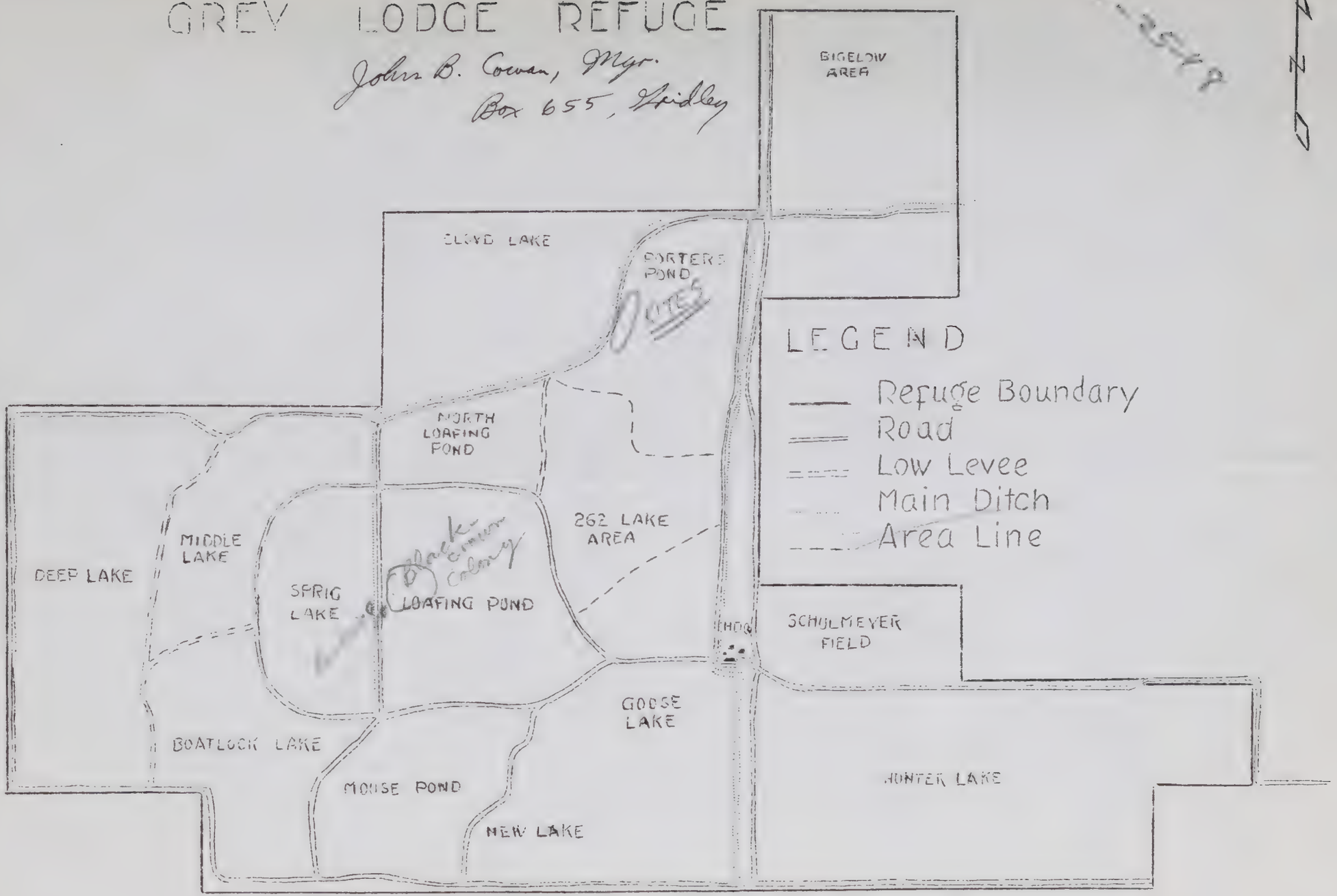
Lincoln Sparrows - 2 in dirt road running thru fields that are mostly dry.

Puget Sound White-crowned Sparrows - several seen in willow thickets by canals.

68 spp. - total

GREY LODGE REFUGE

John B. Cowan, Mgr.
Box 655, Gridley



MCFADDEN'S SWAMP AT BRUCE,

Sept. 25, 48. 14:00 to 15:15
Area Visited - Swamp south of dike road only

Blue Heron - One flew out of the far south pond.
Turkey Vulture - Four or 5 were seen.
Belted Kingfisher - First one fle over us. It was later seen flying with another.
Red-shafted Flicke - One on the island.
Horned Lark - about four flew over and landed in a flield.
Violet-Green Swallow - About fwo flocks of swallows were seen working ove the area. They numbe: ed about 75 each. Only species identified among them was violet-green.
Yellow-throat - 2 heard.
Bushtit - Heard but not seen in the Spirea acrwas the stream running through the swamp.
Tule Wren - Two located at the same place singing from Spirea.
Red-wing - One female
Purple Finch - Two or three were located.
Goldfinch - A small flock present around the barn at the swamp. Up the road towards the hill a flock of about 50 were seen.
Oregon Towhee - In the rose beside the barn.
SongSparrow - ~~Two~~ Three

Water very low. Only main channels with water and small secti n of the swamp at the southwest corner of the island. Much of swamp vegitation thruned brown.

October 15, 48. 16:30 - 17:30
Weather - clear
Area visited - Walked along west side of main pond north of road. a Very hurried trip.

Baldpate - 40 were present in a compact flock. These birds were coming out of fall plumage. They did not call even when flushed.
Ring-necked Pheasant - 8 flew in around the cabin.
Wilson's Snipe several
Crow - heard calling.
Tule Wren One seen
Pipit - Several were seen. Many more were undoubtedly present.
Red-sing - At least 100 seen
Song Sparrow - one.

September 26, 1948, Natoma, 2 mi. W of Folsom 0845-0900 clear, N3, cool.

Redtail Hawk adult and 2 immatures seen.
Sparrow Hawk
Black Phoebe - 2 seen
California Jay
Bush Tits
Pallid Wren-tit
Cedar Waxwing
Sacramento Spotted Towhee

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September 26, 1948, Folsom Dam Site on the American River above Folsom, 9-1015 PDST.

Vultures - scattered individuals that soon bunched in one thermal with others - 10 of them and one Redtail. The redtail made passes at a couple of them, so they headed due south in a broad front. About 2 miles south they hit another thermal where they joined more vultures. There were 27 of them in this thermal. Other individuals seen over area all morning.
Cooper Hawk - one flew thru.
Redtail Hawk
Red-bellied Hawk - finally saw an immature one. Heavy bands on tail distinctive.
Sparrow Hawks - a couple flew over the cliff by the river.
Valley Quail - flushed one covey of at least 35 birds near the main ridge on the west end of the dam site. ¼ mile on I flushed a small covey of 8 or 10 birds.
Killdeer - on the gravel bars of the river.
Flicker - several on the ground, and flying thru the area.
California Woodpeckers - at least 5 pairs in the immediate vicinity of the dam site.
Lewis Woodpecker - just one seen flying from the top of a pine.
Black Phoebe - several seen - one observed to hover continuously in a hatch of mayflies over the river, taking one after another.
Violet-green Swallows - several feeding back and for th in the river canyon.
California Jay - a couple calling
Plain Titmouse - 2 or 3 in flock with Goldfinches, Bluebirds, etc. Peck at twigs.
California Bush-tits - in the mixed flock, and in flock by themselves.
Pallid Wren-Tit - heard just one call.
Western Bluebirds - mostly immatures in park-like area at west end of main dam site.
Phainopeplas - saw 2 chasing each other between 2 live oaks. Approached within 10' of one in another live oak. Mistletoe is very scarce in this vicinity.
Warbling Vireo - just one seen, after hearing it. In mixed flock mentioned above.
W. Meadowlark - a couple
Western Tanager - 1 female seen in live oak area.
Purple Finch - immatures in mixed flock with Bluebirds and Goldfinches.
House Finch - only 4 seen in chaparral area at edge of live oak woodland.
Green-backed Goldfinch - many in this mixed flock. Males in full plumage.
Common Goldfinch - a few
Sacramento Brown Towhees - seem to be running in flocks. I saw at least 20 of them.
Sacramento Spotted Towhee - several seen - mostly up in live oaks to 30 feet or so.
Lark Sparrow - small flock at edge of grain stubble along the road going to the dam site.
Chipping Sparrow - one adult seen in brush.

Sept. 26, 1948, Upper Folsom Dam area, 8 mi. below Auburn on N. Fork, American R. 1030-1215 PDST

Black Phoebes - several
California Jays
California Bush-tits
Slender-billed White-breasted Nuthatch
San Joaquin Wren
Green-backed Goldfinch
Sacramento Spotted Towhee
Modesto Song Sparrow.

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OVER

OVER

Sept. 26, 1948. continued:

American River, at Fair Oaks, 1300-1315 PDST

Green Heron at edge of drying high-water pool — Cooper Hawk
Killdeer - on the gravel bar of the river
Spotted Sandpiper - one on gravel bar above the bridge
California Jays - 2
California Bush-tits
Sacramento Spotted Towhee

River Park - addition, Sacramento 1330 pm.

Burrowing Owl - flushed one at edge of stubble field and sand lot. The bird was in a small area containing several burrows, presumable of ground squirrels. Tame.

(Reservoir site)

September 28, 1948, Farmington, N. Stanislaus Co. 930-945 PDST

Blue Herons - a couple
American Egret - 1
Redtail Hawk immature
Marsh Hawk F
Sparrow Hawk - a couple
Pheasants - close to Farmington, in irrigated area - 6-8 of them.
Mourning Doves - 2
Short-eared Owl flushed from open, near-barren range, flew ¼ mile before alighting.
Horned Larks - a half dozen or so, seen only at salt lick on the range.
California Shrikes on fences and firelines along the road.
W. Meadowlarks - a few
Brewer Blackbird s

Low hills - broad swales.
Rangelands, little water in eroded arroyo

September 28, 1948, Woodward Reservoir, N of Oakdale, Stanislaus Co. 10-1015 PDST

Blue Heron - a couple
American Egret - 2
Snowy Egret - 1
Marsh Hawk F or immature
Pheasants - 8 M in lush swale, near irrigation ditch
Flicker
Black Phoebe
Barn Swallows over reser voir
California Shrike
alf. Bicolor Redwings

Open, rolling hills. Reservoir with 30-40' draw-down - steep sides.

Merced Co.

September 28, 1948, Mariposa dam site, E of LaGrand, in Mariposa County, 1330-1530 PDST

Blue Heron feeding on young bullfrogs in pool in creek bed
American Egrets at frog pools, too
Anthony Green Heron - with Blue Heron, after frogs, I guess
American Bittern - with Green and Blue herons
Sparrow Hawks - several seen
Killdeer - 6 or 7 on mud at ed ge of frog pool
Wilson Snipe - 2 or 3 flushed from mud at edge of frog pool, with the killdeers
California Woodpeckers - flying to and from Quercus lobata
Black Phoebe - several seen on dead twigs, or in areas of small cliffs. Near water
Say's Phoebes - a couple seen.
Interior California Jay - a couple seen. Others heard
Weastern Meadowlarks - dozens seen along fences thru the range area above the dam site.
Brewer Blackbirds - several in small flocks - one partial albino seen. It had 2 pair of the next-to-outer tail feathers pure white, with irregular white on the body, wings and head.

p.m.

September, 28, 1948, Owens Dam site, E of Planada, Merced Co., in Mariposa Co. 4-5/PDST

Killdeers - a few
Flicker
Black Phoebe - a couple near water
Say's Phoebe - a couple seen. One was very curious and while we were keying plants at the stationwagon, it flew up and hovered within 3 feet of me at eye level !
Horned Larks common
N. Rock Wren - a pair in an area of outcrop of vertically-tilted 4-6" thick strata.
W. Meadowlarks - just one seen
Yellow-headed Blackbird nest, looked new, 4 feet over water in Typha angustifolia.
Lark Sparrows over 15 of them seen. Both adults and immatures.
W Vesper Sparrows - 2 or 3 seen. (Poecetes gramineus confinis)

September 28, 1948, Bear Dam Site, ENE of Planada, Merced Co., in Mariposa Co. 1715-1815

Blue Heron - 1 Rolling hills, range grass. PDST.
W. Redtail Hawk - a couple seen. Nest in Populus fremontii at 35' or so. Isolated tree
Valley Quail - 1 flushed from small brush thicket along very dry creek
Mourning Dove - 1 seen. Hunting recently in this creek bed.
Flicker, Monterey Red-shafted
Say's Phoebe - a couple seen.
Horned Larks very common
Calif. Plain Titmouse - a pair in this dry canyon working isolated Poplus fremontii, and brush.
W. Rock Wren - one seen and heard in area of folded rock outcrop.
W. Meadowlarks - very common
W Vesper Sparrows - several seen.

September 29, 1948, Burns Dam Site, NE of Planada in Merced Co., at edge of foothills.
9-1015 a.m. PDST. Low rolling hills, range grasses richer. Scattered willows and cattails, etc. along dry creek bed

Blue Heron Scattered potholes.
W. Redtail Hawks - a pair perched on a dead poplar.
Mourning Doves - 2 or 3 flushed from small willow tree clump.
Flicker, Monterey Red-shafted
Black Phoebe - a pair in vicinity of small cliff near pothole containing water.
Say's Phoebe - acouple seen.
Horned Larks - common, very
W. Meadowlarks very common in range area, especially along roads and fences.
Brewer Blackbirds - 2
Purple Finches - adults and immatures - 4 seen.
W. Vesper Sparrows - several
~~Savannah Sparrows - several~~
Lark Sparrows - at least 3 seen, 2 perched in low willow.

September 29, 1948, Planada-Lingard, Merced Co (U.S. 99). 1030-1050 PDST.

Mockingbird - immature perched on fence post.
W. Robins - a half dozen seen. These wer e the only ones in the whole area.
Mtn. White-crowned Sparrows - several seen with the Mockingbird.

September 29, 1948. Lingard-10 mi. SW of Merced, Merced Co. 1050-1130 PDST.

Redtail Hawks - several adults and immatures seen.
Golden Eagles - 1 2nd year immature perched on fence post. Another found dead beside the gravel road 300 yards from the live one. The dead one was pretty light, with all flesh, etc. cleaned off, and bones quite dry. I'd estimate it had been dead at least a week or 10 days. Mate still staying close??
Sparrow Hawks - very common dry.
Burrowing Owl - perched on very low knoll in near-barren over-grazed/range land.
California Shrikes very common all along the roads and fences.
W. Meadowlarks very common along the roads and fences.

September 29, 1948, From 10 mi. SW of Merced to Merced, via 140, 1130-1230 PDST
Damper than above area, irrigated, etc.
White Pelicans - 150& seen. We saw about 40 of them perched on the ground with American Egrets, but these took off and joined a larger flight that passed over.
Blue Herons - 7
American Egrets - 75 or so, most perched on ground with Pelicans and Blue Herons.
Sparrow Hawks common
Coot - one seen on irrigation overflow pool.
Killdeer - several

October 2, 1948, From Suisun to Grizzly Island Ferry, Solano Co. 915-945.

White-tailed Kites - pair flying over tule area below the hiway, as well as across the highway over near barren hillsides south of the hiway. Watched a blackbird chasing one, and later saw them bantering with each other. Also watched them hover like the sparrow hawk.
Tree Swallows - seemed to be quite a southward flight across this strip.

Oct. 2, 1948, Grizzly Island Ferry, Griz. Is to Griz. Is. Land Co, 945-10 a.m.
Ruddy D ucks - one group of 5 and also a raft of 19 of them, seen in a.m., and again in p.m. on way out.
Horned Owl - flying along side of eucalyptus-lined lane, pursued by Sparrow Hawk.
Say's Phoebe - pair about Griz. Is. Land Co. buildings.
Black Phoebe - seen in p.m.
Violet-green Swallows - a few in with a couple of 100 tree swallows.
Audubon Warblers - about 25 in one flock flew into tules.
Savannah Sparrows - quite common.

Oct. 2, 1948, Suisun State Refuge, Joyce Island, Solano Co., 10-2 p.m.
Few small eucalyptus groves, mostly tule marsh, considerable open water pools. Otters, many racoons, mink common, also weasels, few skunks. They took 58 coon off the refuge last year.

Pied-billed Grebe
White Pelicans - 12& - many others seen flying and circling high over other areas.
Blue Herons - several seen.
American Egrets - these or snowys had nests from 30-75 feet up in eucalyptus groves.
Snowy Egrets - more of these that Americans.
Mallards very common
Baldpates - about 150 seen
Pintails - several 100 seen.
Gadwalls - about 50 seen
Green-winged Teal - in very small scattered groups.
~~Blue-winged~~ Teal - just one seen
Cinnamon
Shovellers - few full adults, but many molting adults or immatures present.
Ruddy Ducks - about 15 seen in slough
Vulture - 1 over area
White-tailed Kite - 1 hovering high over tules, but slowly lowering itself, while still hovering. Could have been one of pair seen along hiway in a.m., for it is only a mile or so away from the refuge.
Virginia Rails - several heard in refuge area.
Sora Rail - heard in just one area, a couple of individuals, tho.
Yellow Rail - Gordy and I heard a new call from the tules, and checked the call descriptions in Peterson's - this species is the one that fits it exactly ! We did not get to see any of them because of the dense Scirpus growth. However I would say there were at least 10 or so in the area.
Coots - 100's
Killdeer - several
Dowitchers - 100's a week ago - only 12 seen today
Western Sandpipers - 2
Yellowlegs- Greater - 4
Avocets - at leas t 15 seen.
California Gulls common
Ring-billed Gulls - 2
Western Gulls - 1
Flicker - several
Black Phoebe about headquarter buildings
Tree Swallows - several
W. Crow
California Shrike
Western Yellowthroats, W. Meadowlarks, Brewer and Calif. Bicolor Redwings, Green-backed Goldfinches - 2 ; white-crowned sparrows - several adults and immatures. Suisun, and Rusty Song Sparrows both present.

MCFADDEN'S SWAMP, BRUCE, BENTON CO., OREGON

by Dave B. Marshall

October 3, 1948 09:00 - 12:00
Weather overcast with intermittent rains.
Water conditions: Water low. Main pond of swamp only mud in many places.
Coverage: 100 % for all ponds and channels, but not Muddy Cr.

Blue Heron - one flew over.
Mallard - One was flushed from the main pond, and two males and two females dropped out of a flock of 17 unidentified ducks and landed in the swamp.
Sharp-shinned Hawk - One in the ~~XXXXX~~ ash at the east side of the main pond.
Red-tail - one was perched on a telephone pole along the railroad track. Around this bird on the wires were 150 goldfinches apparently unconcerned about the hawks presence.
Sparrow Hawk - One heard rattling.
Ring-necked Pheasant - One at the northeast corner of the main pond seen by Betty.
Coot - two next to the bridge.
Killdeer - About 20 in the area, mostly in the main pond.
Wilson's Snipe - At least one dozen were flushed, all in the main pond.
Greater Yellow-legs - A flock of 17 was present with the killdeers on the main pond.
Mourning Dove - One on the wire next to the Red-tail and another by the cabin.
Flicker - Four seen all together.
Steller's Jay - one calling from the ash and oak along Muddy Cr.
Crow - At least 15 in the area.
Oregon Chickadee - Flocks ranging from two to four individuals seen three times.
Seattle Wren - One on two occasions.
Tule Wren - Only one and singing.
Robin - Nine in the grass between Muddy Cr. and the swamp south of the road.
Pipit - At least 20 in the area, mostly in the Mud in the Main pond.
Cedar Waxwing - A flock of four and a flock of 10 flew over.
Audubon Warbler - About seven in the dead ash on the east side of th main pond.
Yellow-throat - heard calling twice.
Western Meadowlark - two heard singing.
Red-wing - At least 100 and perhaps 150 in the area mostly in the dead ash on the east side of the main pond.
Brewer's Blackbird - One flew over.
Evening Grosbeak - One or more heard calling from the ash along Muddy Cr.
Purple Finch - A flock of two and a flock of four.
Goldfinch - One flock of 150 on the wires beside the RR tracks.
Oregon Towhee-one
Oregon Junco - One with chickadees.
Song Sparrow - A total of 15 tabulated.

CORVALLIS, 27th and Orchard.

Oct 3, 48

Flock of at least 100 pipits flew over.

October 3, 1948. South of Placerville, El Dorado Co. Noon, Clear and warm.

Vultures - 60-70 circling in two groups, moving south. Few solitarys seen.

October 3, 1948. Osgood Swamp, NE of Echo Lake, 330 p.m. Echo Summit 7382'

Mallards - 15 feeding on the marsh area. only 2 full males.
Stellar Jay
Mountain Chickadees
Red-breasted Nuthatch
Robin
Audubon Warblers
Red Crossbills
Oregon Juncos.

October 3, 1948, West side of Lake Tahoe, California, entire length of lake.
4-6 p.m. 6400'

Common Canada Geese - 3 flew over
American Mergansers - a pair and a single seen. No full males seen.
Osprey over the lake area.
Coots - 11 in one group at outlet of Truckee River.
Ring-billed Gulls - several seen.
Forester Terns - 2 flying above coots at outlet of Truckee River.
Stellar Jay
Mountain Chickadees.

October 4, 1948, 1 miles N of Cave Rock, Nevada side of Lake Tahoe. before sunup 42°F.

Red-shafted Flickers - seven seen
Stellar Jay
Clarke Nutcrackers feeding in tops of Jeffery Pines
Mountain Chickadees
Robin
Audubon Warblers in tree tops
Pine Siskins - a couple flew over.
Oregon Junco

October 4, 1948. Hiway 50 and 395 Junction, north to C arson City, Nevada. 845 a.m.

Magpies - 2
Meadowlarks - 8

October 4, 1948. Virginia City, Nevada - 10 a.m.
Black-billed Magpie
Meadowlark
House Finches - several seen.

October 4, 1948. Lahontan Reservoir, Lyon Co. Nevada, 11-1145 a.m. 40' drawdown

Horned Grebes - a couple
Snowy Egret - 1
Western Grebes - common
4 ducks ???
Coots
25& Killdeer
4 Dowitchers
1 Avocet
1 Spotted Sandpiper
1 Flicker in dwarf cottonwoods near reservoir.

October 4, 1948, Valley, vicinity of Fallon. 12 noon to 3 p.m. Mostly irrigated.

Sparrow Hawk
9 Valley Quail on hiway
Western Sandpipers
Dowitchers
Avocets
Red-shafted Flicker
Brewer Blackbirds

October 4, 1948, NW of Leetville Junction near Silver State Gun Club, 315 p.m.
Good marsh habitat

Mallards common
Pintails - a few
Shovellers - some - no full males
Redheads - several immatures or molting adults seen.
Vultures - none seen all day, in Nevada.
Coots very common
Least Sandpipers - 10 or 12 seen in small flock
Ruddy Ducks - seve al
Northern Phalaropes - 7 in winter plumage. Black bill and feet.
Black "tear" over eye area. In small pool at edge of hiway, and allowed me to approach within 10 or 12 feet of them. Using 7X glasses, they were big! When flushed they would fly only about 40 or 50 feet.
Avocets common
Barn Swallow - just 1
Yellow-headed Blackbirds - a few in marsh area with Redwings.

October 4, 1948, Fernley Sink, NW of Fernley, Nevada, on U.S. 40. 4-5 p.m.

Pied-billed Grebe	Redheads - few	Least Sandpipers
Farallon Cormorants	Marsh Hawk F	Horned Larks
Mallards very common - 300&	Coots common	Ravens - 4 pr. to Lovelock
Pintails - 150&	Willet - two in short marsh area.	
Green-winged Teal - 250-300	Yellow-legs	Brewer Blackbirds

October 5, 1948, Lovelock, Nevada, and irrigated area around. All day.

Marsh Hawk - a couple
Valley Quail - several small coveys
Pheasants - quite a few, not common
Killdeer
Mourning Dove - 2 pair
Burrowing Owl in dike along Humboldt R.
Flicker
Horned Larks - 1000's in sparse veg. areas S.
Crows - flight of 260& to stockyard and garbage dump before sunup, west of town.
Saw afternoon gathering flock of over 500 8 mi. SE of town, at 5 p.m. Brewer's too.
Ravens - several pairs.
Mountain Bluebirds - 3 along Humboldt River, in open vegetation area.
Meadowlarks
Brewer Blackbirds - 3 bunches flew over totaling 53. Over 150 with crow p.m. flock.
White-crowned Sparrows - in greasewood area west of town.

Octboer 6, 1948, Floriston to Truckee, Nevada Co, Calif. 930-945 a.m.
Stellar Jays Black-billed Magpie Clarke Nutcracker in rimbock areas.

Oct. 6, 1948, NE of Auburn - "Sleepy Hollow", 11 a.m. Placer Co.
Wren-tits calling.

October 11, 1948, Folsom Reservoir area, 830-1130 a.m., 2 Ovc, S2-6, R- , 3/4F- Sacto, El Dor. + Placer Co.

Blue Heron - one along main stem of American River
Cooper Hawk - 1 perched in top of 10' shrub in open pasture area, near vineyard.
W. Redtail Hawks - several seen.
Sparrow Hawks - a couple
Valley Quail - at least 4 coveys seen in 1 sq. mi. of area. Up to 12 birds/covey.
Mourning Doves - 3 or 4 seen.
Flickers - many in the area - all singletons or pairs. In trees, and on ground.
California Woodpeckers - up to 6/group. Noisy chattering in live oaks, etc.
California Jay - just 2 on fence beside old Auburn road.
Western Crow - 1 or 2 all day
California Bush-tits - 2 different flocks of up to 25 birds.
Plain Titmouse - a few
Pallid Wren-tits - heard just one calling.
Western Bluebirds - some in clearings of oak woodland. Large flocks on wire lines, and in open fields.
Cedar Waxwings - one flock of 18 birds perched in top of live oak.
Phainopeplas - just 2 birds seen. Phoradendron present. Sp?
Western Meadowlarks - a few singing from open areas.
Brewer Blackbirds - several small flocks, and individuals seen.
Calif. Purple Finch - some individuals, and in open field flock of 75-100 birds.
Green-backed Goldfinch - small flocks, in brush, and flock of 60-65 birds in open.
Sacramento Spotted Towhees - most often seen at least 10 feet above ground in brush or trees.
California Brown Towhees - along 4 miles of road I saw at least 50 of them in row. small scattered flocks as they flew from the road into the brush of the fence-/
Savannah Sparrows - quite a few seen.
Lark Sparrows - many scattered small groups and individuals in open, sparse grasses. One flock of at least 40 of them seen to fly from the ground into a live oak.
Gambel White-crowned Sparrows - very common in several flocks of up to 25-30 birds.
Golden-crowned Sparrows - saw at least 200 today. Heard their plaintive call everywhere, as they worked the brush areas of the oak woodland and fencerows.

October 13, 1948, Folsom Reservoir Site, 8a.m. to 2 p.m. 20 Sctd. Calm, warm. Sacto, El Dorado + Placer Co.

Blue Heron - 1
American Egret - 1
Mallards - few, and they nested in Blue Ravine, near the S fork, this past season.
Wood Ducks - # 3M and 5F at jct. of N and S. Forks of American River.
Sharp-shinned Hawk - 1
Cooper Hawk - 3 seen. One persistently chasing flicker, but lost out in oak brush.
Redtail Hawk - 7 or more seen.
Red-bellied Hawk - one being chased by 5 crows. It lit in cottonwood, and wasn't bothered any more.
Marsh Hawk
Sparrow Hawks - 5
Valley Quail - many coveys found, wherever I stopped. Perhaps 300 birds seen, and I didn't actually visit even 10% of the available habitat for them.
Pheasants - some in vicinity of abandoned orchards and grape fields.
Killdeer - 14 seen.
Spotted Sandpipers - 1
Mourning Doves - 7
Kingfisher - 2
Red-shafted Flicker - about 65-70 seen all day.
California Woodpecker - over 50 seen in oak woodlands.
Sierra Yellow-bellied Sapsucker (S. v. daggetti)
Black Phoebes - 10-12 seen, all singles.
Horned Larks - 3
California Jays - 15-20 seen. Others heard in woodlands and chaparral areas.
Western Crows - about 15 seen.
~~Black-billed~~ Yellow-billed Magpies - just 1 heard.
Plain Titmouse - 17 seen.
Bush Tits - ran across two flocks of about 25 birds each.
Wren-Tits - Pallid - many heard, even in Adenostoma-Arctostaph. chaparral over 1000'.
San Joaquin Wren - 6 or 7 seen. Others heard scolding.
Canyon Wren - one on oak stub behind vacant cabin, within 25' of pile of tumbled granite boulders. Tail barring plain, rufous, long bill, gray or white breast.
Robins - 2
Western Bluebirds - small flocks over the area - at least 250 birds seen.
Cedar Waxwing - one flock of 19
Audubon Warblers - in very small groups, and one flock of 40-50 birds working oaks.
Western Meadowlarks - about 45-50 birds seen.
California Bicolor Redwings - in cattail marsh area between two forks of river.
Brewer Blackbirds - 25-30 seen.
California Purple Finches - 100's in large flocks in oaks, and open fields.
American Goldfinches - few
Arkansas Goldfinches - common - about 250-300 seen.
Sacramento Towhees - pairs in brush areas everywhere.
Brown Towhees - none seen east of the North Fork, all on the Old Auburn Road side.
Nevada Savannah Sparrows - about 30 seen altogether.
Lark Sparrows - 100's seen, in trees at edge of oak woodlands, on wire lines, and in open pasture and range areas.
Nuttall's White-crowned Sparrows - about 100 seen, many being immatures. Not singing.
Golden-crowned Sparrows everywhere. several 100 seen. Call notes infrequent.
Modesto Song Sparrows - 5 or 6 seen and heard.

Sacto & El Dorado/Amer. R. Co.

October 15, 1948, Fols om Reservoir Area, S Fk. American River. 830 a.m.
California Woodpeckers — Sctd. Oak Knoll. 4 mi. NE of Mormon
~~Black~~ Yellow-billed Magpies — Island, School.
Slender-billed Nuthatch
W. Meadowlarks
Brewer Blackbirds - 250±
California Purple Finches - 100's feeding on Turkey Mullein (Eremocarpus setigerus).
Green-backed Goldfinches
Lark Sparrows - 25-30 in flock with purple finches, feeding on turkey mullein.
These two species perched in flocks as well, in the trees, when flushed.

October 15, 1948, Salmon Falls, S. Fk. Amer. R., El Dorado Co. 9 a.m.
Valley Quail - 1 covey of 10-11 birds
Killdeer
Flicker
California Woodpecker
Black Phoebe on rock in mid-stream, calling.
San Joaquin Wren
Pallid Wren-tit
Brewer Blackbird
Sacramento Spotted Towhee
California Brown Towhees
Golden-crowned Sparrows - quite a few adults and immatures in the river brush.

October 15, 1948, Nigger Hill, N of Jct. of N & S Fks American River, El Dorado Co.
Vultures - 26 circling in tall spiral to the south over open ridge1130 a.m.
These are the first I have seen in a couple of weeks.
Dusky Poor-will - found a nearly fresh specimen at edge of road, evidently hit by an auto during the twilight of morning or the previous evening.

October 15, 1948, Jct. N & S Fks of American River, El Dorado Co. 1145-12 noon.
Blue Heron
California Jay
California Bush-tits
Cedar Waxwings
Phainopepla

October 15, 1948, Natomas Reservoir, S of Folsom. Sacto. Co.
Baldpates - 6 of them.
Flickers common
Redwing blackbirds - a couple.

October 21, 1948, PGE Power House, Folsom, Sacto. Co. 8 a.m.
Anthony's Green Heron Killdeers, Flicker Black Phoebe Cedar Waxwings.

October 21, 1948, Anderson Cr. Pool, S. Fk, American R. - El Dorado Co. 38°44'45"N & 121°5'2"W
11a.m - 1p.m.
Redtail - pair soaring over; Flicker, Black Phoebe on rock perches; California Jays; Bush Tits; Plain Titmouse; San Joaquin Wrens; Hutton's Vireo; Raccoons, Mink, and black-tailed deer tracks common.

October 21, 1948, Mouth of Chrome Cr., N. Fk, American R. El Dorado Co 38°47'15"N & 121°6'30"W
2:30 - 3 p.m.
prs Redtail Hawks circling over
Valley Quail - coveys
Flickers
Canyon Wren - pair seen and heard
Juncos - in pines and oaks

October 23, 1948, Gray Lodge Refuge, SW Butte Co, SW of Gridley. 10-2 p.m. PDST.
Clear, warm, S 5-12.

Pied-billed Grebes - at least 75 seen.
Western Grebes - just 6
White Pelicans - not over 6 or 7 of them
Farallon Cormorants - 2 or 3
Blue Heron - at least 25 or 30 in the area - few in full plumage
American Egrets - 18-20 of them
Snowy Egrets - 10
Black-crowned Night Heron - in the colony area where I saw 150-200 of them before, I put up at least 3500-4000 of them ! Adults and immatures. Iris red-brown Immature legs yellowish. All in the air at once. A surprising sight.
Least Bittern - flushed 2
Lesser Canada Geese - at least 250
White-fronted Geese - resting with pintails - over 500 of them
Lesser Snow Geese - just 7
Mallards - 25-30,000 of them. Wave after wave would take off. Mixed with baldpates and pintails. Before they were flushed you could hear a continual hum over the refuge area like huge swarms of bees, from the chattering of the ducks.
Baldpates - 15-20,000 in the area.
Pintails - 35-40,000 in the area.
Green-winged Teal - not over 1000 seen
Cinnamon Teal - at least 150 seen, quite a few in full male plumage.
Shoveller - uncommon, for I didn't see more than 50-75 of them. No full plumages.
Redhead - 9
Lesser Scaups - just 4 seen.
Ruddy Duck - 10-15 - none in full plumage.
Vultures - at least a dozen in the area.
White-tailed Kite - 2
Sharp-shinned Hawk - 3
Cooper Hawk - 4
W. Redtails - a pair
Golden Eagles - a pair cruising back and forth over the area previously occupied by the kites, which were not seen there today. The eagles would perch in low willows in open areas, or fly low to the ground, making passes at birds or mammals on the ground or in the air. I saw it pass at pheasants, coots, redwings, and mallards. None of the attempts were successful.
Marsh Hawks - common today. Mostly immatures - 15-20 of them.
Duck Hawk - 1 in area passed at cinnamon teal
Sparrow Hawk - 3
Pheasants - 100's at edge of dikes, and in drier areas of refuge.
Virginia Rail - 1
Sora Rail - at least 2
Coots - 10-15,000 of them.
Killdeers - 7
~~Lesser~~ Yellowlegs - 18
Western Sandpipers 29
Flicker - 5-10
Black Phoebe - 7 or 8
Tree Swallows - wintering here, the air full of them. At least 750-1000 birds
W. Crow - 1
Tule Wren - heard and saw only 5
American Pipits - 2-300 of them
California Shrikes - 6-10
Hutton Vireo - 1 in willows with
Audubon Warblers - mostly immatures - 2550
W. Meadowlarks - 3
Bicolor Redwings - 1000's and 1000's here.
Brewer Blackbirds - 3-400
American Goldfinches - flock of 12-1500 in tules
Savannah Sparrows - 50-75 seen
White-crowned Sparrows - 150-200 seen.

52 species

October 23, 1948, Roseville-Marysville: 0810-0900.

Black-billed Magpies common
California Woodpeckers
California Shrike
Black Phoebe
Meadowlarks - 10-15/mile
Brewer Blackbirds - 30-35/mile
Purple Finches
Green-bakced Goldfinches

October 23, 1948, Marysville to Gray Lodge Refuge:
Brewer Blackbirds - dozens of flocks of 100's of birds along the way.
Yellow-billed Magpies. many

October 30, 1948, Bayshore Drive, Richmond-Oak-S.F. Bay Bridge, Alameda Co.
Western Grebes 930-945 a.m. Cool, cloudy, very light fog, and calm.
Farallon Cormorants - a couple
Blue Heron
Lesser Scaups
American Mergansers
Ruddy Ducks - rafts and rafts of them. 1000's of them on the bay just north of the bridge.
Killdeer
Willets - 250& - common. Black and white patch on folded wing.
Limosa fedoa Black-edged white wing in flight. Strong call note.
Marbled Godwit - a new life-lister ! Along main hiway with the willets. Brown-speckled bodies. Bill 3&" long, and appeared slightly up-turned. Tip-half is black, other part is light-colored. 15 or 20 seen.
Western Sandpipers - small flocks here and there
Least Sandpiper - same
Red-backed Sandpiper - quite a few
Bonaparte Gulls - quite a few perched on post-pilings with
Common Terns and new life lists !!
Forester Terns
Alameda Song Sparrows - several in the marsh vegetation. (New subspecies + (M. m. gouldii + SO WHAT !!

October 30, 1948, Stow Lake, Golden Gate Park, 1015-1030, San Francisco, Co,
~~Eared~~ HOLBOEL'S Grebe - two, with yellowish bills prominent Open park
Mallards Canvasbacks
Pintails Ruddy Ducks
Baldpates Coots
Lesser Scaups California and Western Gulls

October 30, 1948, Spreckles Lake, Golden Gate Park, 1030-1040, San Francisco Co.
Pied-billed Grebe Open park
Canvasbacks - 1M and 5 F or immatures
Redhead - 1 immature or F
Mallards Baldpates and Pintails

October 30, 1948, North Chain-of-Lakes, 1045-1115 a.m. Golden Gate Park., San Fran. Co.
Mallards Pine and Eucalyptus woods, brush,
Valley Quail covey Willows, bulrush, and "woodsy" area.
Coots
Black Phoebe
Chestnut-backed Chickadee (P. r. barlowi) Santa Cruz
Red-breasted Nuthatch - very pale coloration
California Creepers - several heard and seen Tawny Alaska
Hermit Thrush
Audubon Warblers in pines
Hutton's Vireo in pine woods
Townsend's Warbler - in pine woods. The brightest yellow color I have seen.
Pacific Yellowthroats - 2 Males in vegetation and willow thickets at lake edge.
Golden-crowned Sparrows
White-crowned Sparrows Nuttalls
Song Sparrows. (M. m. santaecrucis) Ta Cruz

October 30, 1948, Seal Rocks, and Cliff House, Pacific Ocean, San. Fran. 1130-1215.
Farallon Cormorants common
Brown Pelicans - several hundred on the rocks. Many immatures. Most crouched down
Surf Scoters - few - no full adults out of the strong wind.
Sparrow Hawk
Black Turnstones - 5 repeated moved around, but returned to same wet rocks frequently.
Western Gulls
Heermann Gull - Larus heermanni - a new life-lister !! Imm. nearly black, w/red bill. Adults with white head, black tail tip, and red bill. On offshore rocks.
Bonaparte's Gulls - several in winter plumage.
W. Meadowlarks
Brewer Blackbirds along the beach edge.

October 30, 1948, Bay Farm Island, S of Alameda, Alameda Co. 1430-1530 PDST. Calif.

Pintails - 400
Baldpates - 50
Killdeer - 200&
Semi-palmated Plover - 1
Black-bellied Plover - 1500&
Red-backed Sandpipers - 1000&
Willets - about 500
Godwits - 200&
Western and Least Sandpipers - at least 30,000
Avocets - 800&
Short-billed Gulls - 2
Bonapartes Gull - 10&

991

October 30, 1948, Lake Merritt, Oakland, Alameda Co. California. 1600-1630 PDST.
Pied-billed Grebe - 1
White Pelican - 1
Farallon Cormorant - 10
Snowy Egret - 1
American Egret - 6
Black-crowned Night Heron - 1
Lesser Canada Goose - X 5
Cackling Goose 9
White-fronted Goose - 4
Lesser Snow Goose - 7
Mallards - 250-300
Pintail - 2000
Baldpate - 200
Canvasback - imm. or F
Coots - 500
California Gull - 1 ad. and many imm.
Bonaparte's Gull -
Forester Tern -
Brewer Blackbirds - common

992

October 31, 1948, Marsh Area at Martinez, Contra Costa Co. 4-5 p.m.
Western Grebe
Farallon Cormorants
American Egrets
Snowy Egrets
Blue Heron
Coots
Western Sandpipers
Least Sandpipers
Red-backed Sandpipers
California Gulls
Western Gulls
Ring-billed Gulls
Bonaparte's Gulls
W. Crows.

993

November 2, 1948, Folsom Reservoir, Sacramento, El Dorado, and Placer Counties.
8 a.m. to 2 p.m. Occasional showers.
Pied-billed Grebes - several on small storage reservoir.
Great Blue Heron
Lesser Scaups - 18 on small reservoir for storage.
Ruddy Ducks
W. Redtail Hawks - quite a few - 10-12 of them.
Sharp-shinned Hawk - 2
Cooper Hawk - 4
Sparrow Hawk - a couple.
Valley Quail - at least 10 coveys seen, tho we weren't looking for them.
Killdeer - few
Mourning Dove - 5 seen
Flickers - common
California Woodpeckers - at least 10 seen. Many others heard
Black Phoebe - many pairs seen.
Interm. California Jays - 30 or 40 seen.
W. Crows - few
Calif. Plain Titmouse - one flock
Calif. Bush-tits - a couple of flocks
Suisun Long-billed Marsh Wren - singing in Scirpus marsh.
Canyon Wren - a couple
Robin - 2 or 3
Pipits - 50-60 in one flock
Cedar Waxwing - some
California Shrike - a couple
Audubon Warblers - flock in vineyard
W. Meadowlarks - seem to be more or less flocked.
California Red-wings -
Brewer Blackbird
California Purple Finches singing this a.m.
Green-backed Goldfinches
Sacramento Spotted Towhee
Sacramento Brown Towhee - very common
Nevada Savannah Sparrows
Lark Sparrows - very common
Juncos - very few
Puget Sound White-crowned Sparrows - common
Golden-crowned Sparrows - few calling.
Modesta Song Sparrow - few.

November 6, 1948, Perkins-Sloughouse, Sacto Co. 8-820 a.m. Grassland.
Sparrow Hawk - 3 12½ miles distance.
Pheasant - 1
Flicker - 6
Yellow-billed Magpies - 1 (just W. of Slough house)
California Shrike - 3
W. Meadowlark - 250
Brewer Blackbirds - 7000-7500 of them !
Purple Finch - 27
Green-backed Goldfinches - 80
Lark Sparrows - 5

November 6, 1948, Slough house-Jct. of Ione Road. Sacto, 6. 820 830 a.m. Ranches & Grassland
American Egret - 1
Pied-billed Grebe - 1
Ruddy Ducks - 3
Coots - 17
Killdeer - 2
Mourning Dove - 1
California Woodpecker - 1
Yellow-billed Magpies - 7/8.3 miles
W. Bluebirds - 28
W. Meadowlarks - 125
Brewer Blackbirds - 1500
Nevada Savannah Sparrows - 275-300
Lark Sparrows - 18
White-crowned Sparrows - 50
Montana

MCFADDEN'S SOUTH SWAMP, AT BRUCE, BENTON CO., OREGON

November 6, 1948 14:00 to 14:30
Weather - clear
All observations were made from the road only.

Mallard - About 20 could be seen on the main pond.
Coot - About 25 off the south edge of the west bridge.
Killdeer - About 10 flying about.
Belted Kingfisher - One hovering and splashing in the water around the mallards.
Tule Wren - one heard.
Song Sparrows.

November 13, 1948 15:30 to 17:00
Weather - high clouds.
All obserations made from road.

American Bittern - One flew off from beside the road near the barn.
Mallard - About 200 seen alltogether. Mallards and other ducks began coming in in small flocks about 4:30 just as it was getting dark. It appeared that there were a few baldpates and pintails in with the mallards on the basis of size.. The poor light and darkness as well as distance made these ducks only sillouettes.
Green -winged Teal - At least 50 came in in two flocks between 4:45 and 5:00 pm.
Wood Duck - Five flew out of the main pond.
Bobwhite - one heard calling.
Ring-necked Pheasant - one cock crowed and a hen flew into the swamp.
Coot - About 20 off the west bridge.
Mourning Dove - One was perched on ~~XX~~ powerline along the highway by the Bruce store.
Tule Wren - one heard calling.
Horned Lark - one heard singing in the field east of the cabin.
Red-wings - There must have been 300 of them at least.
Oregon Towhee - two seen around the cabin.
Golden-crowned Sparrow - one heard at the cabin.
Song Spar row - several seen.

November 6, 1948, Jct. State Hiway 16 w/Ione Road to Ione, Amador County.
830-845 a.m. 12 miles distance
Thin woodland & grassland

Cooper Hawk - 1
Sparrow Hawk - 4
Flicker - 3
California Woodpecker - 3
Horned Larks - 9
California Interior Jay - 1
Yellow-billed Magpie - 4
W. Crows - 22
W. Meadowlarks - 100&
House Finches - 150 in mixed flock with
Purple Finches - 150
Green-backed Goldfinches - 275-300 of them.
Lark Sparrows - 37

Nov. 6, 1948, Ione-Amador Co., to Pardee Reservoir, Amador-Calaveras Co.
Mourning Doves - 3 Chaparral & Oak woodland. 9 miles distance
California Interior Jay - 18
Yellow-billed Magpies - 15
California Bush-tits - 25
Pallid Wren-tit - 3
W. Bluebirds - 38
W. Meadowlarks - 50
California Brown Towhee - 4
Nevada Savannah Sparrow - 75
Lark Sparrow - 18
Junco - 7

November 6, 1948, Pardee Res., Amador-Calaveras Co., 915-10 a.m.
Pied-billed Grebe - 3
Farallon Cormorant - 2
Waterfowl - not over 250 of all types on north wing.
Valley Quail - covey of 22&
Coots - 10 or so seen
Killdeer - several
Flicker
Sierra Yellow-bellied Sapsucker - 1 working Digger Pine
Black Phoebe - 2
Plain Titmouse - one very curious. Calls like chickadee
California Interior Jay
Pallid Wren-tit - calling
San Joaquin Bewick Wren -
Robin - just 1
W. Bluebirds very common - adults and immatures on wirelines, and rock outcrops.
Ruby-crowned Kinglets - 2 in pine
Audubon Warbler - 2 working cottonwood
House Finch - few
Purple Finch - very common on wire lines
Green-backed Goldfinch - flock of 150-200 birds on wire lines and feeding chaparral.
Lawrence Goldfinch - a new life-lister ! !A half dozen in with a huge flock of Green-backed Goldfinches, and some of them came to a small rian puddle just 5 feet in front of the car. All were very wary. A grayish body, with black face and throat on the male. Heavy gold wing bars. Olive-gold breast.
SacramentoBrown Towhee - severan in chaparral brush, and on rock outcrops.
Bell's Sparrow - Very small sparrow. Two prominent streaks on sides of white throat. Heavy brown patch on breast. Head sooty; wings ruddy. In open rock and chaparral area just below south skirt of dam in toyon, buckeye, and Adenostoma. Full species?????
Mountain Whitecrowned Sparrow - small flock
Golden-crowned Sparrows - in chaparral and on rock outcrops.

Nov. 6, 1948, ~~Pardee Reser. to Calaveras Res.~~ Calaveras Co. 8 mi. distance. Oak woodland. 10-1030 a.m.

Mallards - 50
Baldpates - 500
Pintails - 250
Lesser Scaups - 50
Coots
Killdeer
Flicker
California Interior Jay
American Pipits
W. Meadowlark
Brewer Blackbird
Green-backed Goldfinch
Lawrence Goldfinch
Junco

Nov. 6, 1948, Hogan (Calaveras) Reservoir. Calaveras Co. 1030-130 p.m.
Pied-billed Grebe
Farallon Cormorant
Great Blue Heron
Lesser Canada Geese - 800. 2 with white wing primaries
Cackling Geese
Mallards
Baldpates
Wood Duck - 1 M
Redtail Hawk - w
American Roughlegged Hawk
Golden Eagle
Sparrow Hawk - several
Valley Quail - 2 coveys located
Coots - 150-200
Killdeer
Kingfisher - 1
Flicker
California Woodpecker
Say's Phoebe - 1 perched in top of live oak at edge or reservoir
Black Phoebe
California Interior Jay
California Bush-tits
California Plain Titmouse
Canyon Wrens - 3 or 4 in rock rubble at base of dam, and adjacent slope.
W. Bluebirds → Ruby-crowned Kinglets
Cedar Waxwings - just a couple
California Shrike -
Audubon Warbler - 2
W. Meadowlark
Brewer Blackbirds
California Purple Finches
Sacramento Brown Tohee
Lark Sparrows
Junco
Montane White-crowned Sparrow

Nov. 6, 1948, Valley Springs, Calaveras Co. 3 p.m.
California Woodpeckers - watched 2 of them 100' apart, catching insects awing.

Nov. 6, 1948, 330-4 p.m. Clay-Sheldon, Sacto. Co. Calif.
W. Redtail Hawk
Marsh Hawk, 1 F, 2 M
Sparrow Hawk
Say's Phoebe in open country
California Shrike
W. Meadowlark - one flock of 75-100 birds kept ahead of the car at 35 mph.
Lark Sparrows - common.

November 13, 1948, Bayshore Drive, Berkeley-Oakland - 10 a.m. Alameda Co.
Western Grebes
Farallon Cormorants - preening and sun-bathing with wings help out and drooped on a rock within 5 feet of the hiway. I stopped 5' from it and watched a long while. Iris gray-green. Others swimming.
Pintails on bay
Lesser Scaups common
Ruddy Ducks - 10,000's of them.
Old Squaws farther out on the bay with canvasbacks, etc.
Godwits
Willets
Dowitchers
Western Gulls
Ring-billed Gulls
California Gull
Bonaparte Gull
Common Terns
Forester's Terns

November 13, 1948, Santa Cruz, Santa Cruz Co. 3 p.m.
Eared Grebe
Western Grebe
Pied-billed Grebe
Brown Pelicans
Pintails
Lesser Scaups
Buffleheads
Surf Scoters
Coots
Western Gulls, Ring-billed Gulls, California Gull, Bonaparte Gulls.

November 13, 1948, Palm Beach, SW of Watsonville, Stanta Cruz Co. 4-4:30 p.m.
Eared Grebes
Pied-billed Grebes
Lesser Scaups
Coots
Long-billed Curlews - new life-lister - 4 in marsh area among sand dunes
Willets
Sanderlings - 8 of them on the beach
Western Sandpipers
California Gull
Western Gulls
Common Tern
Ruby-crowned Kinglets
California Shrikes
Audubon Warblers
Calif. Purple Finches
San Francisco Spotted Towhee
Santa Cruz Song Sparrow

November 14, 1948, Monterey, Monterey Co. 830-9 a.m.

Pacific Loon	Farallon Cormorants - 1000's	Calif. Gull
Red-throated Loon	Brandt Cormorant - new one	W. Gull
Horned Grebes	Brown Pelicans common	2 Calliope Hummingbirds on Aguava
Eared Grebes	Harlequin Ducks	W. Crows
Western Grebe	Surf Scoter	Calif. Shrikes
Pied-billed Grebe	White-winged Scoter	Audubon Warblers
	Heermann's Gulls - several	White-crowned Sparrow
		Nuttalls Santa Cruz Song Sparrow

Nov. 14, 1948 Mouth of the Salinas River, 1015 a.m. Monterey Co.

American Egrets
Mallards
Pintails
Lesser Scaups
Buffleheads
Coots
California Gulls
Western Gulls
Flicker, Monterey R.S.
Say's Phoebes
Black Phoebes
W. Meadowlarks
Brewer Blackbirds

Nov. 14, 1948. Salinas River above Spreckels, Monterey Co.

Pintails
Canvasbacks
Sharp-shinned Hawk
Cooper Hawk
Redtailed Hawks
Sparrow Hawks.
Coots
Wilson Snipe
Flicker, Monterey R.S.
Black Phoebe
Violet-green Swallows
Tree Swallows
W. Crows
~~California~~ Coast Bush-tits
Monterey Wren-tit
San Diego Bewick Wren
Audubon Warbler
San Diego Spotted Towhee
~~Nuttall's~~ White-crowned Sparrow ok.
Golden-crowned Sparrow

Nov. 14, 1948, Noon. Salinas R., W of Gonzales, Monterey Co.

W. Crows Pipits common California Shrikes.

Arroyo Seca, west of Greenfield, Monterey Co.

Long-tailed Jay

Nov. 14, 1948, E. of Greenfield, Salinas R., Monterey Co.

Flicker, Monterey R.S.
Willow Downy Woodpecker
Say's Phoebe
W. Mockingbird
W. Bluebirds
Audubon Warbler

Nov. 14, 1948, Bradley, Monterey Co. 4 p.m. Lewis Woodpecker

Nov. 14, 1948, 4:15: Calif. Woodpecker ⟶ at San Miguel, San Luis Obispo Co.

Nov. 14, 1948, Nacimiento R. Dam Site in Camp Roberts, San Luis Obispp Co.
Grasslands with sctd oaks - Oak woodland, and some chaparral.
River bed 150-200 feet wide at dam site. Rocks of folded sedimentaries.
Marine origin. Shells present. Soils shallow. River bed of sand and gravel and rubble.

Valley Quail - flushed 3 coveys totalling over 100 birds
Mourning Doves - at least a dozen seen
Flicker, Monterey R.S.
California Woodpeckers
& California Jays (a. c. calif.)
Yellow-billed Magpies
Raven
Audubon Warbler

November 15, 1948, El Diablo Range, near Priest Valley on Calif. S. H. 198.
7-8 a.m.
Red-bellied Hawk
Sparrow Hawk
Flicker, Monterey R.C.
California Woodpecker
Yellow-billed Magpies
Ruby-crowned Kinglets
Western Bluebirds
House Finch
San Diego Spotted Towhee
American Goldfinch
Savannah Sparrows common

Nov. 15, 1948, Fresno Co. Line to Coalinga Mineral Spr. Jct.
Flicker, Monterey R.S.
California Woodpecker
Blue-fronted Jay
Calif. Jay (a.c. calif.)
W. Crow
California Bush-tits (Coast ??)

Nov. 15, 1948, 35 miles of bare-ground N of Coalinga.
Horned Larks
Raven
California Shrikes
Purple Finches

Nov. 15, 1948, 1045 a.m. S. of Dos Palos, Merced Co.
Many American Egrets.

November 15, 1948, 130-3 p.m. West-side Grasslands, NE of Los Banos to Gustine.
This list includes only those species not seen on Los Banos Refuge this a.m.
Gadwall
Baldpates
Green-winged Teal
Lesser Scaups
Canvasbacks
Swainson Hawks - several seen
Prairie Falcons - 2 seen
Long-billed Curlews - 75-150 in short-grass marsh areas along Santa Fe grade.
Dowitchers - flocks of 35-40 birds
Red-backed Sandpipers - several small flocks
Western Sandpipers
Black Phoebe
America Pipits very common
California Shrikes.

November 15, 1948, Los Banos State Refuge, Merced Co. 1130-1330 PDST.

Pied-billed Grebe
White Pelicans - 12 or so
Blue Heron
American Egrets
Snowy Egrets
American Bittern - 1
Cackling Geese - just 7
White-fronted Geese - about 300 seen.
Mallards
Pintails
Shovellers
Redheads & Ring-necked Ducks
Buffleheads
Ruddy Ducks - few full males
Redtail Hawks common
American Roughleg Hawks - 3 seen
Golden Eagle - 1
Marsh Hawks - adult M & F and imms. very common
Duck Hawk - just 1 seen
Sparrow Hawks - several
Pheasants - 3
Virginia Rail
Coots by the 1000's
~~###~~ Sandhill Cranes - ~~new life lister~~ - Wendell Miller and I heard some several miles away, and when searching thru the glass picked up a flock of 40 or so circling for a landing in the area near the San Joaquin R., E of the refuge. Altogether there were at least 250 cranes in the field.
Killdeer
Yellowlegs
Wilson Snipe - a few
Least Sandpipers
Flicker, Monterey R.S.
Suisun Long-billed Marsh Wren singing
California Shrike
Audubon Warblers
W. Meadowlarks
Calif. Bicolor Redwings
Nevada Savannah Sparrow
Gambel White-crowned Sparrows
Golden-crowned Sparrows.

WINCHLE LAKE, BENTON CO., OR[illegible]

November 18, 1948 8:15 - 9:00
Weather - cloudy
With Tom McAllister
Habitat - The lake a narrow, muddy slough boardered by oak and ash as well as a few yellow pine. Surrounding area agricultural.

Coot - Saw two
Killdeer - heard in nearby fields.
Red-shafted Flicker
Gairdner Woodpecker - One
Crow - A few around.
Oregon Chickadee - One flock of 10 in a yellow pine.
Slender-billed Nuthatch - two with the chickadees.
Ruby-crowned Kinglet - two also in the same flock with above.
Golden-crowned Kinglet - about 8 in the above flock.
English Sparrow - a flock in a farmyard.
Western Meadowlark - A flock of about 20 seen several miles north of the lake.
Purple Finch - one with the chickadees and others.
House Finch - one or two
Pine Siskin - One flock of 10 seen.
Green-backed Goldfinch - Several seen in the brush along the slough.
Willow Goldfinch - One flock of 25 and another of 10 seen.
Oregon Towhee
Oregon Junco - A flock of 15 with the chickadees and others. Another flock of 10 seen also.
White-crowned Sparrow - Several in a thicket.
Golden-crowned Sparrow - two with the above.
Song Sparrow - Only two seen.

D.B. Marshall

WEST AND EAST MORELAND PONDS, PORTLAND, OREGON

November 25, 1948 12:15 to 13:30.
Weather - cloudy

Pied-billed Grebe - one seen on the east pond.
Mallard - Next to the baldpates, this was the most common species. Made no attempt to count, perhaps 300.
Gadwall - Five flew in with baldpates on the ~~west~~ east pond.
Baldpate - Made no attempt to count, Over 1,000.
Pintail - one male and one female in the casting pond.
Green-winged Teal - Five lit on the east pond. Only one male.
Shoveller - Three on the west pond, one male.
Ring-necked Duck - About 12 on the east pond, mostly males. No Scaups !
Canvas-back - One not yet in full male plumage diving for food on the edge of the east pond. Was under water most of the time we watched him.
Buffle-head - About 30 on the east pond.
Duck Hawk - Watched a dark duck hawk for some time disturb all the birds around the west pond. The baldpates on the lawn took to the casting pond. Domestic pigeons and pine siskins flew about withe the duck hawk flying in and about them. The hawk did not take anything and finally flew over towards the east pond.
Coot - Perhaps 50 - 75 in the area.
Belted Kingfisher - One was seen flying over the west pond.
Oregon Chickadee - Small flock around the west pond.
Pine Siskin - Flock of about 50.
Song Sparrow - Several along the west pond.

D.E. Marshall

November 25, 1948, Oroville Dam site, on Feather R. above Oroville (Sec 1,T19N,R4E)
1030 a.m. Butte County, 350' elev. Digger-pine, oak, manzanita area.
Band-tailed Pigeons - 6 flying up the river
Flicker, Monterey R.S.
Interior California Jays
Sacramento Brown Towhee
Sacramento Spotted Towhee

Nov. 25, 1948, Jarbo Gap Summit, 2400', 11 a.m. PDST, Butte Co.
D. Fir, Madrone, Yellow pine area.
W. Red-tailed Hawk
Mountain Quail covey
Band-tailed Pigeons
Flicker, Monterey R.S.
California Woodpecker
Stellar Jay Blue-fronted
Hermit Thrush Dwarf

Nov. 25, 1948, Pulga to Brush Creek, Butte Co. up to 3500'. 1115-1300 PDST
D. Fir, White Fir, White Pine, Sugar Pine, Black Oak, Tanbark Oak, Yel. Pine area
Lewis Woodpeckers working semi-open areas on dead pines and firs.
Modoc Harris Woodpecker D. v. arizonæ
Stellar Jay, Blue-fronted
Varied Thrushes very common
Ruby-crowned Kinglets common
Golden-crowned Kinglets - uncommon

Nov. 25, 1948, Madrone Reservoir, Butte Co., 1975' elev. 1430 PDST. Fir & oak.
Permanent level, evidently, with cattail and tule growth at margins. Forests
and brush adjacent to water in reservoir. Deep water. On Berry Creek.

Pied-billed Grebe - 2
Lesser Scaups - M & F - 60
Canvasbacks - adults, F, M, and immatures - 25-30
Ruddy Ducks - 2M & 2F -
Coots - 25
Western Bluebirds
Ruby-crowned Kinglets
Junco flocks of them.
Fox Sparrow - 2 Yosemite

Nov. 25, 1948, Berry Creek Sta., N. Fork, Feather R., Butte Co., 692' elev.
Mountain Quail - covey of 8
Ruby-crowned Kinglets

Nov. 25, 1948, Bidwell Bar, S. Fork, Feather R., Butte Co., 300' elev. 4 p.m.
Flicker, Monterey R.S.
Interior California Jay above
Dipper - a pair below the new hiway bridge, in area of cascades.
Modoc Song Sparrows.

Nov. 25, 1948, Lake Wyandotte, Butte Co., 1400' elev. 5 p.m.

Lesser Scaups - 15	Kingfisher	Pallid Wren-tit
Ruddy Ducks - 2	Flicker, Monterey R.S.	W. Bluebirds
Redtailed Hawk	Black Phoebes	Ruby-crowned Kinglets
Killdeer - 10	Interior California Jay	Sacramento Spotted Towhee
		W. Lark Sparrow - one dead in pile of rocks by the reservoir.

Nov. 25, 1948, N. of Honcut, Butte Co, 6 p.m.
Yellow-billed Magpies - flock of well over 100 on the ground of fresh-plowed field.

November 29, 1948, Sierra Foothill area - near Stanislaus R., near Sonora Toulumne Co.
230-530 p.m. Melones R., to o. Oak-digger pine, buckbrush, toyon, manzanita, etc
W. Redtails - 3 or 4
Ferruginous Rough-legged Hawk - one immature between Knight's Ferry & Sonora - 2 pm.
Sparrow Hawk
Mountain Quail - 3 in chaparral near Columbia.
Killdeer - few
Flickers very common everywhere
Lewis Woodpecker - a few
California Woodpecker - very few.
California Jays very common
Robin flocks in woodlands
Western Bluebirds exceedingly common
Water Pipits - several flocks of varying size
Audubon Warblers - few
W. Meadowlarks - few
Brewer Blackbirds
Purple Finches
House Finches
Brown Towhees - small flocks
Sacramento Spotted Towhees
Savannah Sparrows
Junco flocks common
Montane White-crowned Sparrow
Golden-crowned Sparrow

November 30, 1948, Strawberry/Beardsley Flat, Mid. Fk. Stanislaus R, Tuolumne Co.
Flicker
Stellar Jay
Townsend's Solitaire
Pine Siskin Flocks
Juncos
Calif. State Hiway 108.
915-945 a.m.
California Woodpeckers - a few were quite noisy on the south canyon wall above the flat - few Blk Oaks in area.
Stellar Jays

November 30, 1948, Strawberry (C.S.H.108) 10 miles W of Darganelle, Tuolumne Co.
Goshawk - 1 seen
Flicker - several
White-headed Woodpecker - just one on Jefferey Pine trunk by the road.
Stellar Jay
Pine Siskins
5500'-6800' elev.
1130-1230 noon.

November 30, 1948, Niagra Creek, (C.S.H.108), 6300' elev. - 1230 noon.
Clarke Nutcracker
Mountain Chickadee,
White-breasted Nuthatch
Red-breasted Nuthatch
Pigmy Nuthatch
Golden-crowned Kinglet
Evening Grosbeak - small flock fle w over.
Pine Siskins

November 30, 1948, Phoenix Lake, just east of Sonora, Tuolumne Co. 2400' elev.
330 p.m. scattered pine and oak woodland, grass margin. Permanent level.
Pied-billed Grebes - 15-20 seen
Lesser Scaups - couple
Ruddy Duck - 3 or 4
American Merganser F or imm. ??
Coots - 24 or so
Kingfisher
Flicker,
California Woodpecker
Black Phoebes
California Bushtits
California Creeper,
Golden-crowned Kinglets
Audubon Warblers
Juncos common

November 30, 1948, Pardee Reservoir, 530 p.m., Mokelumne R, Amador Co.
Blue Heron
Canada Geese - 250& at end of north arm
Western Grebe - ~~a few~~ 10
Lesser Scaups - 25
American Goldeneyes - 3 or 4
Coots common. - 300-400

December 2, 1948, W. side, Lake Tahoe, Emerald Bay and Truckee R. outlet.
10-11 a.m. California. Clear and strong west wind.
Redhead male in river -
Lesser Scaups - large flock in Emerald Bay
Bufflehead - 1 F or imm. on river above dam, with coots and 1 redhead.
American Merganser - 1 F or imm. at lake outlet.
Coots - dozens seen. 12& on river above dam.
Stellar Jay - a few
Clarke Nutcracker - at Emerald Bay.

December 2, 1948, Boca Reservoir, Nevada Co., Calif. 2-230 p.m.
Western Grebe - a couple
Swan, probably a Whistler - a single immature bird along the west side of the reservoir, in a wind-protected cove. Very little pure white, most of body appearing grayish. Head and neck appeared to be tinted a golden-brown color. Obser ved at 200 yards, so details are lacking. It did seem the head profile had much of the canvasbac k head profile.
Pintails - about 15 in mixed flock with
Redheads, and
Canvasbacks, and
Lesser Scaups.
Redtail Hawks - 2 observed perched on very low sagebrush on north side of Prosser Creek valley below Hobart Mills. Birds were within 100' of each other. A strong wind was blowing.
Swainson Hawk - one on snag at edge of Boca Res.
Coots - about 50 or 60 along west side and lower end of res.
W. Kingfisher - 1 along west side.

December 2, 1948, Donner Lake, 6000', Nevada Co., Calif. 345 p.m. Strong W wind.
Pintails - a dozen, on the sand beach at the west end, in lea of wind.
American Goldeneyes - one flock of 15 full males, and another flock of 3, of whih there was one female or immature. Also 3 other males seen.
Coots - about 150 scattered on wave-whipped waters at east end, and on N side.

SMITH LAKE, NEAR MOUTH OF WILLAMETTE RIVER, MULTNOMAH CO., OR

December 22, 1948 08:30 to 3:30 PM
Weather: High clouds fog to clear in afternoon 32 Degree temp at start
Trip consisted of walk around south side of lake to junction of Smith and Bybee Lakes, and return. Then by auto along east side of lake and by foot along norht side of lake. The lake was almost completely covered.
with Albert Marshall

Horned or Eared Grebe - Saw one which could have been either of these two species.
Pied-billed Grebe - Saw two along south shore and three on one of the north arms of the lake.
Farallon Cormorant - One on a piling on the Columbia and one flying over at the same locati n.
Blue Heron - Total of six for the day scattered.
Mallard - Counted 1030 on the lake. These helped make up the large flocks of ducks on the lake of which there were about six of 800 or over.
Baldpate - Total of 2125. Most by far that I have ever seen on Smith Lake.
Pintail - Total of 2300 !
Green-winged Teal - Total of 3100 or several hundred less that at the same time last year. The large flocks of ducks contained mallards baldpates, pintails and green-winged teal in about the same proportions.
Canvas-back - We first saw two in with a flock of the above on the south shore of the lake. Later in the day in bright sunlight in with a flock of almost 3,000 ducks we saw 102 canvasback. We flushed the flock. The surfact feeders took off streight up to the south. The cans flapped off to the west single file, giving me a count of 102, which could be considered accurate within at least 10. Most cans I have ever seen at one time.
Ruddy Duck - A flock of nine on the south side of the lake. Two more were later seen at the junction of Smith and Bybee Lakes.
Red-tail Hawk - Only two.
Coot - 145 total along the east shore and norht shore.
Killdeer - One flew over.
Gulls - About 3,000 in one flock near the junction of Bybee and Smith Lakes. Judgeing from what was seen at the nearby city dump on the 26th, these would all have been Herring and Glaucous-winged, as they fly back and forth between these two locations. No attempt was made to get close enough on this date to identify these birds.
Short-billed Gull - 26 counted in the slough which runs along just south of Smith Lake.
Ring-necked Pheasant - Two between the slough and Smith Lake.
Sparrow Hawk - One between the slough and lake.
Red-shafted Flicker - Only one.
Crow - Total of 260 listed. Crows passed over often on all day by small flocks and individuals.
Gairdner Woodpecker - Total of five.
Oregon Chickadee - Total of 40 which made up 4 flocks.
Slender-billed Nuthatch - One
Winter Wren - one on the Leadbetter property.
Seattle Wren - One " " " "
Golden-crowned Kinglet - One flock of about 5 near the Stauffer Chemical Co. between the lake and river.
Ruby-crowned Kinglet - Total of 4 listed, mostly on Leadbetter prop.
Pipit - Total of 102, most of which were scattered about on the south shore of Smith Lake where they flushed like snipe.

SMITH LAKE DECEMBER 22, 48 continued.

Audubon or Myrtle Warbler - Total of 11 for the day, usually found in one's, two's or three's.
English Sparrow - Along the slough as we started out.
House Finch - Six at the same location as above.
Willow Goldfinch - 125 which make up three flocks.
Oregon Towhee - One along the slough.
Evening Grosbeak - Three flying over.
Junco, Oregon - 80 total. Usually in flocks of about 10.
White-crowned Sparrow - Total of 5 seen, all immatures. One which was not seen sang several times.
Song Sparrow - 55 total seen in two's and three's all day. We saw one song sparrow which was very peculiarly colored, the bird being a yellow-brown. Otherwise it was typical song sparrow as to both call, appearance and actions.
American Merganser - Six on Smith Lake.
Harris Woodpecker - One on the Leabetter property.
Brewer's Blackbird - 28 at junction of Smith & Bybee Lakes.
Redwing

RAMSEY LAKE, WILLAMETTE RIVER AT OREGON SHIPYARD AND CITY DUMP AREA, PORTLAND, MULTNOMAH CO., OREGON

December 26 08:30 to 3:30 pm.
Weather: A beautiful day with no wind in this area. Clear but freezing at start.
With Albert Marshall

Farallon Cormorant - We counted six on the river flying up and down as we ate lunch.
Canada Goose - Flock of 22 flew over Ramsey Lake. Two of these were very small and were probably cacklers.
Mallard - 4 near Ramsey Lake.
Green-winged Teal - Flock of 50 started to land in the swamp west of the garbage dump, but flew off when shot at.
Scaup - One in the slough at the garbage dump just below the bridge.
Hooded Merganser - One male and two females or immatures in the river close to shore as we drove up to eat lunch on the bank.
Cooper's Hawk - Albert spotted one near the dump.
Red-tail Hawk - Two seen near Ramsey Lake.
Ring-necked Pheasant - Nine between Ramsey Lake and the dump.
Killdeer - Flock of 23 flying over Ramsey. Later saw seven more in the marsh between Oregon shipyard and Ramsey.
Wilson's Snipe - 10 between the shipyard and Ramsey. Actually along the road which runs along the northside of the yard.
Least Sandpiper - At the above location. Two individuals which I studied for some time and managed to get close.
Dowitcher - Three at the above location, but not actually with the least sandpipers. Showed the white rump and long bill. Killdeers and the least sandpipers for size comparison.
Glaucous-winged Gull - There were 2,000 to 2,500 gulls at the dump. The adults were in the ratio of about one herring gull to three glaucous-winged Gulls.
Herring Gull - See above.
Ring-billed Gull - One very tame adult at the dump. I look and looked for something besides pink feet at the dump. This was the only exception, which I could find.
Short-billed Gull - Five seen along the river and about 50 more in the slough between the incinerator and the dump.
Belted Kingfisher - one rattled for us between Smith Lake and the dump.
Red-shafted Flicker - Two.
Gairdner Woodpecker - Four, mostly around the dump.

RAMSEY LAKE, OREGON SWIFTWATER CITY DUMP December 26, 48 continued.

12-26-48

Crow - About 250 at the dump.
Oregon Chickadee - One very large flock of chickadees near Ramsey in the willows which contained an estimated 30. Got 5 more later.
Slender-billed Nuthatch - two with the above.
Creeper - Two seen on the same willow at the dump.
Winter Wren - three at the dump
Seattle Wren - three at the dump.
Robin - 20 in the residential area between the dump and RR Willamette.
Varied Thrush - Two with the robins. Pacific Alaska
Hermit Thrush - One in some brush not far from Ramsey Lake in the willows.
Golden-crowned Kinglet - 30 with the chickadees above.
Ruby-crowned Kinglet - Three with the above.
Pipit - Six for the day.
Audubon Warbler - 14 counted for the day, usually in threes.
English Sparrow - 15 in the residential districts.
Brewer's Blackbird - About 75 at the dump.
Purple Finch - The thickets between the power plant and Ramsey Lake seemed to be alive with purple finches and goldfinches. Total purple finches about 90. Calif.
House Finch - About 10 at the same location.
Pine Siskin - A small flock of 10 at the same location.
Goldfinch - We saw several huge flocks of goldfinches at different locations during the day. Total 850.
Oregon Towhee - Total of 7, mostly around Ramsey Lake area.
Oregon Junco - Total of 140, 100 in large flock near Ramsey L.
Golden-crowned Sparrow - Saw 4 near the power plant.
Song Sparrow - Total of 40.

OREGON STATE COLLEGE CAMPUS, BENTON CO., OREGON

January 6, 1949

Band-tailed Pigeon - Saw two in the top of an ornamental conifer by the green-houses. These were first spotted by Jay Long.

December 23, 1948, Pudding River, Marion Co., Woodburn, Oregon, 10-11 a.m. Clear 26°F

Mallard - 6-10
Pintails - 2 flocks of 20 and 35 birds. Other ducks in flight, routed by hunters.
Flicker
NW Red-breasted Sapsucker
Coast Stellar Jays - several in ash-fir bottom area, scolding.
W. Crows - flying over
Oregon Chickadee flocks
Red-breasted Nuthatch
Slender-billed Nuthatch
California Creeper
W. Winter Wren on trunk of ash tree, moving over it in creeper-like manner.
Varied Thrush - several
Ruby-crowned Kinglets - common
Goldencrowned Kinglets
Audubon Warblers
Oregon Towhees
Song Sparrows

Killdeers and Meadowlarks in farm fields. Sparrow Hawks on wire lines.

December 29, 1948, just south of Los Molinos, Tehama County, 1130 a.m. 3 Ovc, RW-
American Egrets - common
Lesser Canada Geese - flock of 37 flew over
Lesser Snow Geese - about 150 in 3 small flocks
Sierra ~~Red-breasted~~ Yellow-shafted Sapsucker working Eucalyptus in oper cropland area
Say Phoebe - on wire fence in open cropland
Yellow-billed Magpies - several on ground, etc.
W. Crows flying over
California Shrike - on wire lines
W. Meadowlarks common
California Bicolor Redwing Blackbird
Brewer Blackbirds.

December 29, 1948, Grey Lodge Refuge, Butte Co., 1-3 p.m. 80 Brkn, 5 Sctd. Calm.

Pied-billed Grebe -
White Pelicans - about 30 seen in with geese and ducks
Farallon Cormorant - just 3 seen.
Great Blue Heron - several
5 Common American Egrets very common
Snowy Egrets - just 3 seen.
Black-crowned Night Herons - still a winter colony present, but just a few hundred seen.
Whistling Swan - about 150 on the refuge.
Lesser Canada Geese - About 500 seen, tho there may have been others.
10 Cackling Geese - Saw about 8000 of them.
White-fronted Geese - About 5000 in refuge area.
Lesser Snow Geese - At least 25,000 of them.
Ross's Goose - a new life lister ! ! saw a few, no evident grinning patch, and could be slightly smaller than the Lesser Snow, Also a lighter call, and flight.
Mallards - Over 1,000,000 ducks in the area, principally of this species,
15 Pintails, and
Baldpates. Also some
Gadwalls,
Green-winged Teal, several 100
Cinnamon Teal , very few
20 Shovellers,
Wood Duck, a couple
Buffleheads, very few,
Ruddy Ducks, about 500, I'd guess
American Mergansers - about 50 of these seen, 2-1 Males

OVER OVER

Dec. 29, Grey Lodge, continued:

White-tailed Kite - a single one seen.
Cooper Hawk
Western Redtail Hawk - 3 or 4 seen.
Golden Eagle - a pair feeding in weed field
Marsh Hawks - very common
Sparrow Hawks - several seen, a couple carrying shrews or Microtus as they flew away.
Pheasants -
Sandhill Crane - 3 seen.
American Coots - 1000's on the refuge.
Killdeer
Wilson's Snipe - just 2 seen.
Least Sandpiper - 1
Avocets - about 30 seen, and John Cowan reports others are present.
California Gull -/
Mourning Doves - a few
W. Burrowing Owl in plowed field just east of refuge headquarters. Iris bright yellow.
Flickers common
W. Crows
Ravens Western Mockingbird at headquarters defends Pyracantha for itself.
Suisun Long-billed Marsh Wrens - one heard.
Ruby-crowned Kinglets in locust trees about headquarters.
American Pipits - very common
California Shrike on wire lines and isolated tall shrubs.
Audubon Warbler- several
Western Meadowlark
California Bicolor Redwing s - about 750,000 in the refuge area.
Brewer Blackbirds -
California Purple Finches - small flock
American Goldfinches - flocks here and there.
Green-backed Goldfinches - not too common
Savannah Sparrows very common in stubble ields.- P. s. beldingi
W. Lark Sparrows - a fe
Oregon Juncos common in brush and trees.
White-crowned Sparrows - in brush along fence rows.

59 species.

January 2, 1949, Elk Grove, Sacramento Co., California, 10 a.m.

Redtailed Hawk
Swainson Hawk
Marsh Hawk
Sparrow Hawk
Coots
Killdeer
Yellow-billed Magpies
Western Crow
W. Mockingbird
Robin
Pipits
W. Meadowlark
Brewer Blackbirds
Green-backed Goldfinches
Savannah Sparrows

1032

January 2, 1949, Alum Rock Canyon and Reservoir, NE of San Jose, Santa Clara Co.
Steep-walled, chaparral and bare canyon. Stevens Creek 130-4 p.m.
Reservoir of about 20 acres, 8' drawdown this date. No vegetation in flood area.

Blue Heron
Lesser Canada Geese - 31
Mallards - 25
Baldpates - 2
Green-winged Teal - 9
Shovellers - 4
Redheads -
Ring-billed Ducks - 4
Canvasbacks - 10
Buffleheads - 10-15
Ruddy Ducks - 40-50
American Mergansers - 35&
Red-tailed Hawks chasing (8 hawks)
Golden Eagles - 4
Coots
Killdeer
Least Sandpipers - 8
Band-tailed Pigeons - 2 flocks of 30&
Mourning Doves
White-throated Swifts - 3 in canyon!
Flicker,
California Woodpeckers common
Black Phoebe
Stellar Jay
Plain Titmouse
Slender-billed Nuthatch
Robin
Varied Thrush in denser chaparral
Western Bluebirds
Spotted Towhees
Brown Towhee
Junco,
Puget White-crowned Sparrow
Song Sparrow

Quercus agrifolia
Quercus douglasii
Quercus dumosa
Photinia arbutifolia
Quercus kelloggii
Rhamnus californicum
Pinus muricata
Rhus diversiloba
Phoradendron villosum
Artemisia sp.

1033

Gold-backed Fern

Black-tailed
17/deer seen in 2 miles of hiking.
Opossum - 1 found dead
Coyote - fresh scat
Gray Fox
Bobcats common
Raccoons common
Silver Grey Squirrels
Pocket gophers
Grey Diggers

H. regilla
R. a. draytonii
B. a. attenuatus

January 3, 1949, King City, Monterey Co, to Bitterwater, San Benito Co, 8 a.m.
30°F. N 6-10 mph.

Green-winged Teal - 1 on nearly frozen pool
Red-tailed Hawk
Red-bellied Hawk - used small earth hummock for perch, on barren hillside near summit.
Marsh Hawk
Sparrow Hawk
Mourning Doves
California Woodpecker
Say's Phoebe
California Jay
Robin - flocks from nite roosts at King City at 715 a.m.
Varied Thrush - several in pepper-tree thicket
California Shrike
American Pipits
W. Meadowlarks
California Purple Finches
California Brown Towhees
Lark Sparrow
Puget-Sound White-crowned Sparrow
Golden-crowned Sparrow
Large-billed Savannah Sparrows

Dipodomys heermanni jolonensis
Juniper
Blue Oak- Phor. villosum
Digger pine
Chamise
Artemesia californica
Button sage
Baccharis pilularis
Wild Tobacco

January 3, 1949, King City- Jolon (Hunter-Liggett Milty Reservation). Monterey Co.
230 p.m.

Sparrow Hawk
Valley Quail - a couple of 50& coveys
Band-tailed Pigeons in tops of live oaks
Mourning Doves - common, but well-scattered
Flicker, Monterey R-a -
California Woodpecker
Yellow-billed Magpies - 25& in one flock
W. Crow
W. Bluebird
Cedar Waxwings - along the San Antonio R.
W. Meadowlark
Brewer Blackbirds - over 150 in one flock along river bottom
Calif. Purple Finch
House Finch
Spotted Towhee
Nuttall's White-crowned Sparrows.

Coon, Possum
River bottom - scattered willow, oak & cottonwood. digger pine at stream edge.

River terrace - grain .
Sctd oak & pine pasture.
Chaparral on hills.

300& Sandhill Cranes on flats SW of San L
Canvasbacks - 100 on Arroyo Seco/ Lucas Lakes 1-2-49
Mallards may nest along river ???

San Antonio 8 miles below Bryson - pastureland - sctd blue oak. Hills sctd. oak-chap.

January 4, 1949, Salinas Reservoir, San Luis Obispo Co., 8-9 a.m. 26°F.
Dam 125 feet high - 100' max. drawdown. 60' now. 6-8 mile long reservoir.
Sedimentary sandstones, etc. Chaparral with scattered pines, and oaks.
Dam crest 1325', and spillway crest at 1300'. 26,000 a/f. Max.pool-Apr.
Fred Calkins of the Santa Margarita Ranch gave keys.

Lesser Scaups
Redtail Hawk
White Pelican
Valley Quail - several large coveys.
Coots
Mourning Doves
Flicker and Lewis Woodpeckers very common
California Woodpecker - one in nest hole in snag on east slope. Hole at 15' on the W side, or toward the slope.. Quite open area of woodland.
California Jay
Say's Phoebe - gave plaintive note while perched on spillway of dam.
Yellow-billed Magpies - very common. Nest in top of 40' oak
W. Crow.
Pallid Wren-tit
Robin
Varied Thrush
W. Bluebird
California Shrikes
San Diego Redwings
Purple Finch flocks
House Finch
Green-backed Goldfinches
Lawrence Goldfinch
Calif. Brown Towhee
Western Meadowlark
Oregon Junco
Nuttall White-crowned Sparrows
Golden-crowned Sparrows
San Diego Song Sparrow

January 4, 1949, Salinas Reservoir, San Luis Obispo Co. 2-330 p.m. By boat

Pacific Arctic Loon - 1
Pied-billed Grebes - 20
White Pelicans - 5
Farallon Cormorants - 3
Blue Herons - 2
American Egrets - 2
Pintails - 10
Green-winged Teal - 5
Shovellers - 20
Redhead - 10
Lesser Scaups - 50-75
Canvasbacks - 25
Ruddy Ducks - 40
American Mergansers - 30-35
Redtailed Hawk
Golden Eagle - 1
Southern Bald Eagles - 2
Sparrow Hawks
Coots - 650&
Killdeer ipers
Spotted Sandp - 3
Band-tailed Pigeons
White-throated Swifts - 10
California Woodpeckers
Lewis Woodpecker
Black Phoebes - 6
Say's Phoebe - 3
California Jay
Raven
Audubon Warbler
Calif. Brown Towhees

Opinions of Orb Philbrick, Game Warden of Paso Robles, on Salinas Res. 1-4-49
1000-5000 waterfowl use the reservoir from August 15 to March 1st.
Very few geese.
Mallards, wigeons, sprigs, green-winged teal, scaups, ruddies, few bufflehead, spoonbills, Amer. Mergansers, few Cans and Redheads. Grebes, Pelicans - 5-7.
Mallards nest in seepage areas in the river below the dam.
Maximum pool reached in April.
Common

January 4, 1949, Atascadero Lake, San Luis Obispo Co. 1 mi. W of US 101. 945 a.m.

Western Grebe - 3
Pied-billed Grebe - 30
White Pelicans - 5
Farallon Cormorants - 4
Blue Heron
American Egrets - 2
Mallards - 20
Baldpates - 50
Pintails - 20
Green-winged Teal - 2
Shoveller - 75
Redhead
Ring-necked Ducks - 2
Canvasback - 3
Bufflehead - 15
Ruddy Duck - 120&
American Merganser - 50&

Coots - 75&
Killdeer
Yellowlegs
Western Sandpiper - 15
Band-tailed Pigeons - 25
Flickers, Monterey R-e.
California Woodpeckers
Lewis Woodpeckers very common
S. California Jay
W. Crow
Calif. Plain Titmouse
Calif. Purple Finches
Large valley Savannah Sparrows

7-8 acres.

1038

January 4, 1949, Nacimiento Dam Site, 5 p.m. Monterey Co.

Redtail Hawk
Valley Quail coveys
Coots
Band-tailed Pigeons
Mourning Doves

Pacific Horned Owl
California Woodpecker
Lewis Woodpecker
S. California Jay
Pallid Wren-tit

Ruby-crowned Kinglet
Calif. Brown Towhee
San Diego Spotted Towhee
Oregon Juncos

1038

J

January 5, 1949, Monterey - Carmel, on 17-mile Drive, Monterey Co.

Horned Grebe
Western Grebe
Brown Pelicans
Farallon Cormorants
Mallards
Ruddy Ducks
Surf Scoter
American Mergansers
Valley Quail - 2 coveys
Coots
Killdeer
Black Turnstones
Willets - 2
Sanderling flocks
Snowy Plovers
Heermann's Gulls
California Gulls
Western Gulls
Bonaparte's Gulls
Pacific Horned Owl
Flicker, Monterey R-e
Say's Phoebe
Pacific Yellowthroat
W. Meadowlarks
White-crowned Sparrows
75 Sea Lions on bird rocks.

January 5, 1949, Point Lobos State Park, Monterey Co. 9 a.m.
Brown Pelicans
Farallon Cormorants
Valley Quail coveys
California Gulls
Short-billed Gulls
Western Gulls
Monterey Wren-tits C. f. fasciata
Bewick Wren
Hermit Thrush
Brewer Blackbird
White-crowned Sparrows
Song Sparrows
2 Black Oystercatchers
Killdeer

Sea Otter - 1 in China Bay near kelp.
3 at Big Sur State Park.

January 5, 1949, Carmel Valley-Salinas, 1130 a.m.
Mountain Quail - 2 coveys
White-throated Swifts - 5 seen near summit of range.

January 5, 1949, Salinas to Hollister, San Benito Co, over Gabilan Range. Noon.
Red-bellied Hawk
Redtailed Hawk
Duck Hawks - 2
Sparrow Hawks
Mountain Quail
California Jay
California Thrashers - on SE chaparral slope near county lines. T. c. redivivum
W. Meadowlarks - 100's
Brewer Blackbirds - 1000's.
Brown Towhee
California Purple Finches.

January 5, 1949, Hollister to summit Pacheco Pass, San Benito Co./Mt. Diablo Range 1230-1p.m.
Sparrow Hawks
Flicker, Monterey R-e
Yellow-billed Magpies
Robins
Audubon Warblers
W. Meadowlarks

Jan. 5, 1949, Crows Landing, Stanislaus Co. 230 p.m.
White Pelicans - 32 flew along the San Joaquin River
Killdeer - 300
Barn Owl - hit on the hiway just north of Crows Landing
Yellow-billed Magpies.

January 8, 1949, Gray Lodge State Refuge, SW Butte Co. 930a.m.-330 p.m. 32-37°F.
Clear N and NW 6-35 mph.

Western Grebe - a few
Pied-billed Grebe - 250-400
White Pelican - 25 or so.
Farallon Cormorant - about 75
Blue Heron - many
Anthony's Green Heron - just 1 seen.
Common Egret - several 100 in area. On way up I noted about 250 of these egrets perched on the bare earth of the west and north banks of the Sacramento River, whichever was exposed to the early morning sun. Blue herons, too.
Snowy Egret - just a couple seen. Very uncommon
Black-crowned Night Heron - just 50 or so seen. Big colony gone.
Least Bittern - a couple flushed when refuge was "bombed" at 1315 PST.
American Bittern - 3 seen.
Whistling Swans - close to 1500 of them on the refuge. They were a beautiful sight flying against the strong winds. Many were calling.
Common Canada Goose -750-1000 of them.
Western Canada Goose - saw about 250 of them.
Lesser Canada Goose - saw about 1000 of them.
Cackling Canada Goose - about 7000 of them on the area.
White-fronted Goose - about 1500 seen.
Tule Goose - 3 or 4 of those seen appeared much larger than the rest, and were in areas of dead willow branches, etc. Could very well be this species.
Lesser Snow Goose - About 25,000-35,000 adults and immatures in the area.
Ross Goose - saw at least 700 of them. Several were cripples.
Blue Goose - One adult seen in small open area in tule growth in the SW part of the refuge, with Lesser Snows. This goose is very rare in the valley.
NEW LIFE LISTER!!!
Mallards -
Baldpates -
Gadwalls - perhaps 150 seen, almost all wer e closely paired birds.
Pintails -
Cinnamon Teal - 3 or 4 - 1 full male.
Green-winged Teal - 7-10,000 of them.
Shovellers -
Wood Ducks - just one male seen.
Canvas-backed Duck - about 25 seen.
Ring-necked Duck - 50 or so
Redhead Duck - 20 or so.
Lesser Scaup Ducks - about 250 present.
Bufflehead - 1 full male, and about 50 females and immatures.
Ruddy Duks - about 5000-7000 present.
American Merganser - 15-20 seen.
Turkey Vulture - one circling over range area just SE of the refuge at 930 a.m.
White-tailed Kite - seldom beat wings in strong wind today.
Cooper Hawk - 3 seen.
Sharp-shinned Hawk - about 15 seen.
Red-tailed Hawk - 4-5
Red-bellied Hawk - 2
Golden Eagle - 1
Marsh Hawk - about 50 on the area and adjacent lands.
Sparrow Hawks - 25 or so.
Pheasants - many on the refuge.
Sandhill Cranes - 40-45 flew high over the refuge.
Virginia Rails
Sora Rails
NA Black Gallinule - just 1 seen.
Coots - 10,000-20,000 or more.
Killdeer - 100 or so.
Wilson Snipe
Yellow Legs - flock of 15 or so.

OVER OVER

Jan 8th, Grey Lodge, contimued:

Dowitcher, - just 1 seen.
Least Sandpipers - flock of 150 or more.
Mourning Doves - a few individuals
Burrowing Owl - in same field I saw one on ~~January~~ Dec. 29th.
Flickers common
Black Phoebe - several
Say's Phoebe - just 1 seen near house.
Horned Larks - many O. a. rubea.
California Jay - 1 in willow thicket
W. Crows - several
Raven - about 15 flew over.
California Bush-tits - small flock in willow thicket
Suisun Long-billed Marsh Wren - several singing.
Mockingbird near headquarters.
Robins
Varied Thrush
Wes tern Bluebirds
Ruby-crowned Kinglets in willow thicket and near headquarters.
Cedar Waxwings flew over.
Pipits common in large to small flocks
California Shrikes - about 24 seen.
Audubon Warblers - 100-150 seen - no large flocks.
California Bicolor Redwing Blackbirds - 100's
W. Meadowlarks
Brewer Blackbirds - probably over 1,000,000 on the refuge today.
House Finches - a few
Green-backed Goldfinches
Spotted Towhee - a few
Nevada Savannah Sparrows common
Juncos - Oregon Juncos
Gambel White-crowned Sparrows
Puget Sound White-crowned Sparrows
Modest Song Sparrows

January 9, 1949, Sacramento - Folsom via White Rock Road and Alder Cree. 2-4 p.m.
N 20-35 mph. Clear and 35°F.
Mallards - on one of Natoma Ditch holding ponds.
Turkey Vulture - 1 having a difficult time in the wind.
Red-tailed Hawks - several flying, perched on poles, and on the ground.
Red-bellied Hawk - 2 seen, both immatures.
Marsh Hawk - 1 in sump area
Sparrow Hawks - several
Pheasant - 1
Killdeers - many
Mourning Doves
Flickers - several
Modoc Hairy Woodpecker - 1 in orchard area along the hiway.
Black Phoebe
Ruddy Horned Larks
Interior California Jay
California Plain Titmouse
California Bush-tit
Seattle Wrens Robins
Mountain Bluebirds were common on the open old gold-dredged flats of sparse grasslands.
I saw at least 50 of them this afternoon. Adults and immatures.
Ruby-crowned Kinglet
Pipits very common California Shrike - 2 Audubon Warblers
Meadowlarks Brewer Blackbirds California Purple Finches flocks common
Spotted Towhee, Brown Towhee, Nevada Savannah Sparrows, Lark Sparrows Golden-crowned Sparrows

MCFADDEN'S SWAMP, BENTON CO., OREGON, 13 miles S. of Corvallis

January 11, 1949 14:00 to 15:30
Weather - Clear, Temp 28 degrees. Almost all of swamp frozen over except for several small main channel. We walked across the ice. Visited only north end of swamp.

Canada goose - About 200 in a field just west of Muddy Cr. bridge.
Mallard - About 8 males and two females present.
Pintail - About 15, mostly males.
Baldpate - one male seen
Green-winged Teal - four was all.
Ruddy Duck - First we saw one male in the main channel on the north side of the bridge, and then saw eight more ruddys south of the bridge. Some still showed some signs of red plumage. It should be just getting it!
Sparrow Hawk - along the RR. tracks.
Coot - About 200 present. Put on quite a show walking around on the ice.
Flicker
Audubon Warbler - head one.
Golden-crowned Sparrow - Flock of about 7 where the road first turns at the swamp.
Song Sparrow - saw only two.

Moore of the state police says there were lots of ducks present on the swamp until the freeze came.

January 23, 1949, Sacramento River along E side from Freeport-Sacramento - 315-330 p.m.
Blue Heron
Lesser Scaups - about 75 seen
Redheads - 5
Canvasbacks - 2M and 4 F
Buffleheads - 6
Ruddy Ducks - 25-30
Sparrow Hawks
Coots - 20-25
Killdeer
Wilson Snipe - 4
Ring-billed Gulls - 150
Calif. Gull - 35
Flickers - 4
Calif. Jay
Calif. Bush-tits
San Joaquin Bewick Wren
Robins
Ruby-crowned Kinglets
California Shrike
Audubon Warblers common - scattered
W. Meadowlarks
Brewer Blackbirds
Calif. Purple Finches
Golden-crowned Sparrows
Modesto Song Sparrow

January 23, 1949, Lake Washington, SW of West Sacramento, 345-4 p.m. Calm, clear, cool.
Blue Herons
Black-crowned Night Herons - 6or 7in burned off Scirpus and Typha.
Redheads - 25
Lesser Scaups - 50-60
Canvasbacks - 8-10
Buffleheads - 4
Ruddy Ducks - 40-50
Coots
Killdeer
California Gull
Calif. Bicolor Redwing.
Puget White-crowned Sparrows
Modesto Song Sparrows

MCFADDEN'S SOUTH SWAMP, 15 miles south of CORVALLIS, BENTON CO. ORE.

January 20, 1949 14:00 to 15:30

Temp 28 degrees. High overcast.

1045a

Ground covered with a light sheet of snow or ice in most places. Most of water area in swamp covered with ice. Considerably more water open than last week, however. Water level 5"

Whistling Swan - One of the most beautiful sights I have ever seen. First saw four adults which came out from behind a sedge clump in the channel next to the island south of the road. They didn't see us at first, but soon took to the air, circling around behind us giving us a good view. Upon taking flight they uttered some notes similar to the honking a canada geese. We seen discoverd three others in the ~~channel~~ behind some sedge and spirea in the big pond at the same locatinn. These birds were pumping their heads and necks up and down as other waterfowl do in courting. Upon spotting us, these birds also took ~~the~~ to the air. I paced out the distance from ~~us~~ where we first saw the first group of swans to where they were located. It was only 200 feet. The second group was about the same distance from us. I have reason to belive that these were not the only swans on the swamp, because I later saw what I thought to be a young one from the road. It was in the sedges ~~at the~~ southwest of the bridges. Gray plumage.

Canada Goose - At least 2,000 in the area.
Mallard - About 50 males and 10 females.
Pintail 30, almost all males.
Green-winged Teal - 3
Ruddy Duck - 2
Red-tail - One perched in an ash south of the bridge crossing the main channel.
Ring-necked Pheasant - 3 in nearby field.
Coot - About 200
Killdeer - one by the horse shed. Seemed very weak and reluctant to fly. Didn't call.

1045a

Flicker
Ore. Chickadee - heard notes.
Seattle Wren - 1
Varied Thrush - 1 in ash
Pipit - 2 flew over.
Audubon Warbler - one seen
Oregon Towhee - 2
Golden-crowned Sparrow - four in the fence row south of the shed.
Song Sparrow - Called ~~15~~ 15 alltogether. 8 in one group.

Visited area south of road. Most of pond north could be seen from the dike.

HIGHWAY BETWEEN CORVALLIS AND SWAMP (same day)

Bobwhite - Saw one pop in to the brush about halfway.
Mourning Dove - Saw one at about the same point.
Aleutian Savannah Sparrow - Picked up dead on the highway. Now in my collection. Identified by S.G. Jewett.

January 24, 1949, Fresno-Stratford, Kings County, California. 1230-1 p.m.
Extensive agric. development, little natural vegetation - barren.
Red-tailed Hawk
Marsh Hawk Male
Sparrow Hawk
Pipits very common
California Shrike - common
W. Meadowlark
Brewer Blackbird
Purple Finches in small flocks
Gambell's White-crowned Sparrows

January 24, 1949, Tulare"Lake", and vicinity - 130-245 p.m. Clear, NE 5-15
Drained lake, irrigated grains and cotton. Cool
California Blue Herons
American Egrets common
Cackling Geese - about 150-200 present in flooded grainfield area.
Mallards - a few
Baldpates - a few
Pintails - estimated well over 10,000 of them, M & F
Green-winged Teal - a few
Cinnamon Teal - a couple of full males, and others
Shovellers - M & F - about 50 seen.
Lesser Scaups - 15-20
Ruddy Ducks - 30-35
Sharp-shinned Hawks
Red-tailed Hawks
Swainson's Hawks
Marsh Hawks
Duck Hawk
Sparrow Hawk
Black Gallinule - very few
American Coots - very common
Killdeers
Yellow-legs
Western Sandpipers -
Least Sandpipers
Avocets - 5 or 6
Ring-billed Gulls - a few
Flickers - a few
Black Phoebe - 3 seen
Violet-green Swallows - about 20 seen
Tree Swallows - well over 100 seen along ditches
Ravens - several pairs
W. Crows - a few
California Shrikes
Audubon Warblers - 50& in willow growths and on ground along ditches.
Redwings
Lark Sparrows - 3 or 4
Gambell's White-crowned Sparrows
Heermann Song Sparrows along ditches

Gray Digger
Cambarus sp - dead in pool.

January 24, 1949, Kettleman City-Lost Hills - very bare, sandy rolling hills.
Sparrow Hawk Burrowing Owl, California Horned Larks, Pipits, Shrikes.

January 25, 1949, Isabella Res. Site, Main & S. Forks Kern River, Kern Co.
2600& elev. 930-12 noon
Canvasbacks - 15-20
Sparrow Hawks
Pheasant - 1M
Wilson Snipe- 3 on sand bar of main river at dam site
Flickers R-s, Monterey
Say Phoebe on range lands
Horned Larks, Sierra
California Jays, Interior
Ravens - several pairs
W. Crows
N. Rock Wren
Mountain Bluebirds - quite a few
California Shrikes
Audubon Warblers
Meadowlarks, Western
Brewer Blackbirds - 150&
Calif. Purple Finches
House Finches
Kern Brown Towhee
Oregon Juncos, (J. O. montanus)
Gambel's White-crowned Sparrows

Kern River Canyon from Isabella-Mouth of Canyon NE of Bakersfield.
Blue-fronted Stellar Jay
Robin
N. Varied Thrush
~~Alaska~~ Sierra Hermit Thrush
Ruby-crowned Kinglet

Sycamores in canyon below Isabella.
Platanus racemosa

January 25, 1949, Buena Vista Lake Bed - 1415-1645 p.m. Cotton & salt-grass flats
Blue Herons
American Egrets
Vultures
Swainson Hawks
Golden Eagle
Marsh Hawks
Sparrow Hawks
Burrowing Owl
Roadrunner
Flicker, R-s., Monterey
Say Phoebe
Horned Larks, Calif.
Ravens
Mtn. Bluebirds
Pipits
California Shrikes
Meadowlarks
Brewer Blackbirds
Oregon Vesper Sparrow
~~Nuttall~~ Nuttalls White-crowned Sparrows

MCFADDEN'S SWAMP, 14 miles south of CORVALLIS, BENTON CO., ORE.

January 25, 1949 14:00 to 17:00
Weather - temp 23 F, clear later changing to high clouds. Ground covered with one inch of snow. Ponds completely frozen over except for a small portion at the south end and a small portion east of the island at the north. Muddy Creek frozen over !
Coverage - Walked to both ends of the swamp.

10-529

Whistling Swan - Saw the 7 again at the same location as last week. The called for us and gave us some good views. Very tame. Some of their calls were almost human-like. In addition to those given last time, the birds gave low whistles. They again pumped their heads up and down, calling while doing so. Belive now that I was mistaken before in seeing an immature. I am sure there were no more than 7 present today, all adults.
Canada Goose - 2,000 to 2,500. A few cacklers.
Mallard - Saw only 6.
Baldpate - A flock of 20 alighted beside the swans, but soon saw us hiding in the ash and took off again.
Pintail - About 25, 20 in one flock. Sexes 50-50.
Ruddy Duck - 5 around the island at the norht.
Coot - About 200. Always a small group around the swans. Wonder if the swans don't bring up food for them.
Tule Wren - Saw tule wrens several times around the beaver house and dam north of the island.
Varied Thrush - one almost the same ash as last week.
Pipit - Several flew over.
Audubon Warbler - one near the RR tracks.

10-529

Red-wings - Began coming in about 4:00 pm. Probably 100 present when we left.
Fox Sparrow - One inside the horse shed scratching for insect larvae along with song sparrows in the straw.
Song Sparrow - one plug four in and around the horse shed. One in the horse shed showed no concern over our presence only 4 feet away.
Fresh beaver cuttings around the beaver house. The beavers have been cutting small willows. Fresh sawdust on the ice beside their cuttings.

Highway between CORVALLIS AND SWAMP same day.

Lots of birds on the shoulders and on the pavement. Why? Heat from reflection from the sun? Pavement and shoulders bare of snow, but so were areas under trees and brush.
Sparrow Hawk - one in the usual place
Ring-necked Pheasant - one male on highway shoulder
Flicker - several, picked up one dead. May be to damaged for a specimen. Yellow-shafted - Red-shafted hybrid. Had been eating poison oak berries.
Pipit - Wish I had of startted counting pipits. Along the road in small flocks all the way, esp. on shoulders.
Brewer's Blackbird - flock of 25 and one dead one.
W. Meadowlark - Several small flocks. On shoulders again
Juncos - about 10 in one flock.
Ore. Towhee - several
Song Sparrow - Here and there. one dead one, too far gone for a specimen.

* Later - Have skinned & stuffed the above flicker. Tossed it in the car, and failed to observe that it until I picked it up again that this flicker is a hybrid. Has red crescent on back of neck, Red & black mustaches, Underside of wing and tail feathers mostly yellow. Sex undetermined. Couldn't find tester or ovaries.

January 26, 1949, Keene-Mohave, over Tehachapi Pass, 0900-0930 a.m. Clear, cold
Shallow snow on the ground

Mohave Horned Larks
Ravens - common in pairs
Pipits in large flocks
W. Meadowlarks - a few
Calif. Purple Finches in flocks
Lark Sparrows - scattered small groups
Nevada Savannah Sparrows - few

January 26, 1949, Sunset Beach-Huntington Beach, Orange Co. 445-5 p.m. Clear,
Excellent tidal marshes and lagoons. Good birding !

Brown Pelicans - about 25 seen, few full adults
American Egrets - few
Lesser Scaups - many
Ring-necked Ducks - few
Ruddy Ducks - 50-75
Coots - common
Hudsonian Curlews - several seen
Marbled Godwits - common
Yellowlegs, greater
Western Sandpipers
Red-backed S andpipers
Least Sandpipers
Avocets - about 40 seen
California Gulls
Western Gulls
Glaucous-winged Gulls - very few
Common Terns - looked quite small.

McFadden's Swamp: Benton Co., Oregon

January 27, 1949. 16:30 to 17:45

30°, light north wind, overcast sky. Fields and swamp completely frozen except for a few spots in the main channel of the swamp south of the bridge.

Whistling Swan - 1 adult bird in open water south of bridge.
Canada Geese - all over in the rye fields on the southeast corner. When nearly dark, they began pouring into the small area of open water on Muddy Cr. ~~just~~ at the south end of the island. Only several thousand birds.
Mallard - just at dusk the ducks came roaring in to this tiny area from all directions. Temperatures this past week have ranged down to 18°, and even this small section had ice all around its borders. Apparently the numbers and actions of the birds have helped keep it ice free. About 500 Mallards; the commonest duck.
Pintail - 30 also came in at dusk.
Baldpate - Shortly after dark a large flock came in, but it was too dark and I could tell them by call only.
Green-winged Teal - just a sprinkling of teal mixed in with the other ducks, about 20 all told.
Ring-necked Pheasant - 3 m. in fields
Coot - a few on the open water, but 8 noted out in the open fields feeding. Tried running them down, and they don't have the least difficulty taking off land.
Great-horned Owl - 1 calling from ashes in swamp.
Red-shafted Flicker - 1 very tame bird apparently starved ~~feeding~~ poking for insects in frozen ground.
Bush Tits - small flock
Varied Thrush - a few in the ashes
Pipits - many large flocks noted feeding along the roadside north of ~~the~~ Bruce Station.

McFadden's Swamp; Benton Co., Oregon

January 30, 1949. 16:30 to 18: 00

Just above freezing, stiff north wind, and clearing rapidly. Fields and swamp thawing, but still covered with ice. Spent the whole evening in a small blind at the south end of the island.

Whistling Swan - At dusk three adults circled in and lit at the edge of the water directly in front of our blind. The only sound they made was the loud rattling roar of the wind in their flight pinions as they landed. They spent their time feeding and preening. When it was dark, we stepped quietly out in front of them, but they were not the least bit disturbed; neither was a flock of nearby Canada Geese. Only the mallard became alarmed.
Canada Geese - At dusk four lone geese came over and circled the area many times, and then after setting up a wild, clamorous call, settled down. Shortly after this the

and Outer
January 27, 1949, Inner/Mission Bays, San Diego Co. 710-735 and 915-1030 a.m.
Common Loon - 1 in
Horned Grebes - 12&
Eared Grebes - 8-10
Western Grebes - 15-20
Pied-billed Grebes - several seen
Brown Pelicans - 8-10
Farallon Cormorants
Blue Herons
Common Egrets
Snowy Egrets
Black Brant - about 500 seen in scattered bunches.
Mallards - very few at mouth of Cudahy Creek
Pintails
Balapates
Shovellers
Lesser Scaup Ducks
Buffle-heads - full males and females - mostly paired - total 75-80
Surf Scoter - 1 at NE corner of inner bay
Ruddy Ducks - few
American Mergansers - 3-4
Coots common
Killdeer
Hudsonian Curlew - 5-10 seen
Long-billed Curlew - 40-45 seen
Marbled Godwits - several hundred in area.
Willets - over 500 in area
Dowitchers - 3 seen
Wilson Snipe - 2
Red-backed Sandpipers - 7
Ring-billed Gulls
California Gulls
Western Gulls
Herring Gulls
Mourning Doves
California Shrikes
W. Meadowlarks
San Diego Redwings in Cudahy Creek cattails
English Sparrows
California Purple Finches
San Diego Song Sparrow (M. m. cooperi)

January 27, 1949, San Ysidro, San Diego Co. 830-845 a.m.
Marsh Hawk male Ring-billed Gulls Meadowlarks, San Diego Redwings

January 27, 1949, La Jolla, San Diego Co., 1030-11 a.m. Sctd clouds, sunny, calm
Farallon Cormorants
American Egrets - 3 seen perched ½-mile out to sea on kelp beds. One was observed in trouble, with its legs tangled in the kelp.
Ruddy Turnstones - 9
Sanderlings - 15-20
Heerman Gulls - beautiful adults, w/red bill, white head, and sooty body. Very neat!
Western Gulls, Ring-billed Gulls, Herring Gulls, California Gulls.
Black Phoebes- several
California Mockingbirds
W. Meadowlarks
House Finches

Pinus torreyana
Monarch butterflies.

January 2?7, 1949, Santa Margarita River and DeLuz Creek Reservoir Site, Camp Pendleton, San Diego Co., 2-430 p.m. Clear and warm, calm.

Western Grebes - 15
Pied-billed Grebes - 3
Blue Heron
American Mergansers - 25
White-tailed Kite - pair hovering over ridge-top, and perched in sycamore tops.
W. Red-tailed Hawk
? ? ? Red-bellied Hawk ? ? ? - one perched in lower limbs of sycamore on west side of DeLuz creek - was a rich rusty brown on chest, tail distinctly and heavily barred with black and white, and rusty-chestnut patch on back between wings, Wings seemed light brown, with white spots the lengthof the trailing edge.
Sparrow Hawks
Coots on O'Neal Lake and hospital grounds - 450
Killdeer
Wilson Snipes - 4 flushed along the creek.
California Gull
Band-tailed Pigeons - several perched in tops of leafless sycamores in canyon.
Road-runner Monterey R-S.
Flickers, common
California Woodpeckers
Say's Phoebes on grassy hills
Black Phoebes along creek bottoms
Southern California Jays
American Crows - about 35 in Camp DeLuz area.
Plain Titmouse
Coast Bush-tits
Pallid Wren-tits
Tule Long-billed Marsh Wrens singing
Alaska Hermit Thrush - several in river-bottom willows
California Shrikes several
Western Bluebirds common
Audubon Warblers - a few
W. Meadowlark
San Diego Redwings
California Purple Finch
House Finch
San Diego Spotted Towhee
California Brown Towhee
Nuttall's White-crowned Sparrows
Fox Sparrows
San Diego Song Sparrows.

Signs of:
Hyla regilla - dark brownish
Raccoon
Gray Fox
Coyote
Bobcat
Opossum
Neotoma sp. in Cupressus forbesii
deer - ?
Cottontails

Plants:

Quercus agrifolia
Quercus dumosa
Typha latifolia
Salix lasiolepis
Opuntia occidentalis
Rubus californicus vitifolius
Azolla fuliculoides
Scirpus (palludosus)?
Plantago major
White Sweet Clover Melilotus alba
Rumex conglomeratus
Xanthium canadense
Platanus californica racemosa
Hydrocotyle verticillata
Cyperus forbesii
Quercus Engelmannii
Nicotonia glauca
Echinocystis macrocarpa
Ribes malvaceum var. indecorum
Yucca whipplei
Phoradendron
Nemophila rotata
Rhus diversiloba
Artemesia vulgaris var. gnaphalodes

January 28, 1949, Mission San Luis Rey, San Diego Co. 945 a.m. Clear & calm

Western Crows
W. Mockingbirds - 6 or 8 in area - 2 chasing each other. Robin dominated another.
Robins - few
Western Bluebirds
Cedar Waxwings - 20-25 in eucalyptus
Audubon Warblers - several in "
English Sparrows
House Finches perched on ledges of mission building
San Diego Brown Towhees - pair with territory fighting on the ground.
Nuttall's White-crowned Sparrows
San Diego Song Sparrows

Monarch Butterfly

1059

January 28, 1949, Laguna Beach, Orange Co. 1130 a.m.
Brown Pelicans
White-throated Swifts - 100's in vicinity
California Shrikes

1060

Striped skunk

FORESTER'S Tern
January 28, 1949, Santa Monica to Ventura, Ventura Co., 1430-1500. Clear E10-25

Western Grebes
Farallon Cormorants
Redtail Hawk
Sparrow Hawks
Killdeer
Surfbird - 2 feeding in surf
Marbled Godwits - 25-30 feeding in surf
Willets - 10-15 feeding in surf
Western Gull
California Gulls
Herring Gulls
White-throated Swifts - dozens
Black Phoebes
W. Crows

1061

January 28, 1949, Ventura-Santa Barbara, Santa Barbara Co. 1530-1630, Clear
Pintails E 10-25
Redheads
Sparrow Hawks
Coots
Godwits
Willets
Western Sandpipers
Western Gulls
Herring Gulls
Ring-billed Gulls
Black Phoebes
Western Mockingbirds
House Finches

1062

January 28, 1949, Santa Barbara-Gaviota, Santa Barbara Co. 1630-1700, Clear, calm.
Western Grebes
Blue Heron on kelp beds about 500 yards offshore
Vultures
Sparrow Hawks
Roadrunner - 1 run over on road ??
Black Phoebe
Western Bluebirds
W. Meadowlarks
Jan. 28, 1949, 5 mi. S of Santa Maria, on U.S. 101, 6 p.m. Pacific Horned Owl

1063

January 29, 1949, Nacimiento Dam Site, Camp Roberts, Nacimiento R. 850-920 a.m.
Clear, calm, 28°F.

Sparrow Hawk
Valley Quail
Mourning Doves
Flicker, Monterey R-S.
California Woodpecker
Black Phoebe
Horned Larks
California Jay
Yellow-billed Magpies
W. Crows
Canyon Wren
Robin
Varied Thrush
Dwarf Hermit Thrush
Western Bluebirds
California Shrikes
Audubon Warblers
W. Meadowlarks
Calif. Purple Finch
Spotted Towhee
Brown Towhee
Western Savannah Sparrows
Calif. Mockingbird

1064

Jan. 29, 1949, San Antonio River valley from W of Bradley to Jolon, 935-1015
Mostly on Hunter-Liggett Reservation

W. Redtail Hawk
Sparrow Hawks
Band-tailed Pigeons - large flocks in the tops of oaks, and on the ground everywhere on plowed and stubble fields. In a strip about ⅜ ¼-mile wide on each side of the hiway, we saw at least 2500 birds in 10 miles of road. Also noted that often the flocks were on the ground only under the scattered oaks. Warren Smith, the local warden has had to issue many permits to satisfy the ranchers who complain of their wrecking their crops.
Mourning Doves - a few dozen
California Woodpeckers
California Jay
Yellow-billed Magpies
W. Crows
Dwarf Hermit Thrushes
W. Bluebirds
California Shrikes
~~W. Bluebirds~~
W. Meadowlarks
California Brown Towhees

1065

Jan. 29, 1949, Jolon- Summit of road S of Cone Peak - 1100-1215.
Mostly along upper Nacimiento River

1066

W. Redtail Hawk
Sparrow Hawk
Mountain Quail - sev. small coveys
Monterey Red-shafted Flicker
California Woodpeckers exceedingly common
California Jays
W. Crows
Yellow-billed Magpies very common
Robins
Dwarf Hermit Thrushes
W. Bluebirds
W. Meadowlarks
Brewer Blackbirds

Black-tailed Deer - 5 bedded down on grassy flats along the creek
Gray Squirrel

Quercus agrifolia
Calif. Myrtle *Umbellularia californica*
White Alder *Alnus rhombifolia*
Big-leaf Maple - *Acer macrophyllum*
Yucca *whipplei*
Eriocycton *crassifolium* var. *nivum*
Coulter's Pine *Pinus coulteri*
Sycamore *Platanus racemosa*
Rubus vitifolius Blackberry
Bracken Fern *Pteris aquilina*
Coffeeberry *Rhamnus californica*

Jan. 29, 1949, Cone Peak road summit to El Camino Real (C.S.H. 1)

Sparrow Hawks
Monarch
Coast Stellar Jay
Puget White-crowned Sparrows
Sceloporus u. occidentalis

Myrtle - *Umbellularia californica*
Redwood - *Sequoia sempervirens*
Coulter's Pine - *Pinus coulteri*
Quercus agrifolia
Big-leaf maple - *Acer macrophyllum*
Giant Chain Fern *Woodwardia radicans*
Ribes
Lupinus (purple)
Yucca *whipplei*
Rhus diversiloba
Baccharis *pilularis*
Acer negundo
Coffeeberry *Rhamnus californica*
Canteleja *foliolosa* (salmon)

1067

OVER

January 29, 1949, Point Lobos, Carmel and Monterey Peninsula, Monterey Co.
3-5 p.m. Clear, calm, and warm.

Brown Pelicans
Baird's Cormorant
Black-crowned Nite-Heron - one on wave-washed rock at edge of tidepool just north of Cyperus Point golf course along 17-mile drive
1068
Killdeer
Black Turnstones
Band-tailed Pigeons in pines at Carmel
California Jay
Monterey Wren-tit
San Diego Bewick Wren
Audubon Warblers on rocks and crevices at end of Point Lobos
Dwarf Hermit Thrush clear out to end of point Lobos on bare rocks
Pacific Yellowthroat
Brewer Blackbirds in Carmel
California Purple Finch
Nuttall's White-crowned Sparrows

McFadden's, Jan. 30/49 (continued)

main body of the geese came in off the fields in small groups untill well after dark, at which time the birds had all settled in this one small area of water. Apparently the first lone geese which circled the area so cautiously acted as scouts.

Mallard - 400, the most wary bird, the least movement in the blind alerted them.
Pintail - 40
Baldpate - flock of 50 came in at dusk
Green-winged Teal - two flocks of 20
Red-winged Blackbirds - small flocks came in at evening headed for the area around the cabin.

Long Tom River, Feb. 1/49 (cont.)

Willow Goldfinch - flock of 30
Audubon's Warbler - 2
Song Sparrows - 12 in brush along bankkof river.

Surprised a beaver cutting willow shoots out on top of the river bank; it immediately dove into a rose thicket on the bank and dissappeared.

McFadden's Swamp - ice going fast; lots of open water.

Feb. 1/49. 16:30 to 17:30.

Whitling Swan - 10 birds, including two imm. feeding in open field ½ mi. south of McFadden's Swamp. Farmer said they first appeared there Jan. 27, and had been there every day since. The first few days, this was duri g the freege, severa l of the birds came up to his house and were so tame he attempted to approach them with a pan of grain. This farm is on the west side of Muddy Creek on the next road south of the swamp. They were eating shoots of rye grass.
Baldpate - flock of 100 grazing in the same fields with the swan.
Mallard - about 1,000 birds flew into north end at dusk.
Pintail - several hundred birds came in with mallards
Green-winged Teal - small flocks at dusk
Red-winged Blackbirds - flocks coming in at dusk; a few males were singing when we first arrived.

~~Long Tom River, Benton Co., Oregon~~

~~Feb. 21/19.~~

February 1, 1949

Benton

Long Tom River, ~~Lane~~ Co, 3 mi. north of Monroe. 1330-1630. 45°, calm, scattered cumulus clouds. Fields thawed out, little ice on river.

by Tom McAllister.

Pied-billed grebe - 3
Blue heron - 1
White-fronted goose - flock of 6 adults flushed from river
Mallard - next in abundance to the pintail, 2:3 ratio. Greatest concentration of ducks I have seen in this portion of the valley. From the Long Tom R. bridge at the above-mentioned point, the river was a mass of ducks for the 3 miles up to Monroe. This concentration began just south of the bridge and consisted entirely of dabblers - mallards, pintails, and a few scattered green-winged teal. At this point where the river bends just south of the bridge, I counted 2,000 birds by comparative groups of 50. 10,000 birds would be a conservative estimate for the entire concentration, as I only covered a small portion of the river south of the bridge.
The bridge marks a definite point of change in the river. South of the bridge, where the dabblers concentrated, the river suddenly becomes shallow and narrower with many mud banks and bars extending into the river. North of the bridge it was deep and wide with abrupt banks. This point was borne out interestingly enough by the duck distribution, for all the diving ducks, mergansers, and wood ducks were found north of the bridge. The pied-billed grebe, white-fronted goose, and a few of the dabblers were also found on the north side.
Baldpate - heard several calling.
Pintail - most abundant dabbler
Green-winged Teal - individuals and small groups scattered through the concentration.
Wood duck - 3 M , 1 F
Ring-necked duck - 6M and 2F
Canvasback - 6M and 6 F. Flock of 20 flew over
Lesser Scaup - 4 pair
American Merganser - flock of 40 toghether on river. Very wary; the Canvasback and ring-necked were easily approached and flushed only after all the other ducks around them had gone. Males all in full breeding plumage - 25M and 15F.
Red-tailed Hawk - 1 cruising along river
Sparrow Hawk - 1
Ring-necked pheasant - 2 pair in willow patch
Coot - 6 birds on the river
Wilson's Snipe - 1 at edge of river bank
Gull ? - 3 immature Calif. or Ring-billed
Kingfisher - 2, both with small spiny-rayed fish
Flicker - 5
Stellars Jay - pair, cracking acors.
Raven - flock of 7 flew over
Crows - 14, feeding along mud banks of river.
Oregon Chickadee
Slender-billed Nuthatch
Robin - 4
Pipit - flocks put up all along hiway from Corvallis to Monroe, 6 noted. Birds apparently feeding right along edge of road.

Via Garden Hiway
Gray Lodge Refuge-Roseville. (1430-1630) 5-15-30 K- 8 ⊕
Pied-billed Grebes in river
Farallon Cormorant
Blue Herons
American Egrets perched in trees and on river banks, in groups of 10-50
Western Canada Geese in fields (B. c. occidentalis) Also Cacklers
Whistling Swans - saw 2 flocks of 150 and 85 resting and feeding on bare fields, usually freshly plowed.
Snow Goose - few in fields
Mallards in wet fields and around puddles.
Green-winged Teal in fields
Pintails - up to 5-7,000 in wet fields.
Shovellers - a few in fields
Turkey Vulture - a few circling over the country-side
White-tailed Kite- one alongSacto river a few miles N of Sacto.
Western Red-tailed Hawks common
Red-bellied Hawks - 2 or 3 seen perched in cottonwoods along the river.
Marsh Hawks - adult M & F and imm. f seen often.
Sparrow Hawks not too common
Valley Quail feeding in freshly plowed fields
Pheasants feeding in freshly-plowed fields, too.
Coots in ditches and fields
Killdeer - few
Ring-billed Gulls - a few
Band-tailed Pigeons at least 300 seen in small flocks in trees and fields.
Mourning Doves in open-field areas
Flickers very common in open country.
California Woodpecker s here and ther e
Say's Phoebes on low perches in open country
Horned Larks in small flocks here and there
Interior California Jays scattered
Yellow-billed Magpies quite common, especially along the Sacto. River.
Western Crows in small and large flocks
Plain Titmouse - in oak woodland
Slender-billed Nuthatch in grove of black-walnuts
San Joaquin Bewick Wren - one in fence-row
Western Mockingbird - 1 seen.
Robins - common
Varied Thrush - a few
Western Bluebirds - a couple of small flocks
Pipits - a few small flocks
Cedar Waxwings - perched on wire line along river bottom.
W. Meadowlarks quite common
California Bicolor Redwing Blackbird small groups, near cattail growths.
Brewer Blackbirds - common, with one batch of up to 25,000 in area of rice stubble
California Purple Finches - flocks
House Finches - 25-30 seen.
Common Goldfinch - small flocks
Green-backed Goldfinch
Sacramento Spotted Towhees in fence-rows
California Brown Towhees - a few in brush and fields, adjacent.
West. Savannah Sparrows
Western Lark Sparrows - a few
Oregon Juncos - in flocks - common
Golden-crowned Sparrows - in flocks in fence-rows - common
Gambel White-crowned Sparrows - in flocks in fields and along fence-rows-very common.
Modesto Song Sparrows a few

OVER

February 6, 1949, Folsom Reservoir Area, Folsom-Auburn Road, 1630-1700, R-, S10-25, Sacto Co.
Valley Quail - 2 coveys of 10-15
Pheasants
Killdeer - several
Band-tailed Pigeons - 12
Monterey R-12 Flickers - very common
California Woodpeckers - 3
Willow Downy Woodpeckers
Interior California Jay
Plain California Titmouse - 1
Western Mockingbird - 1 on low perch in scrub-woodland area
Western Robins - common on pasture lands
N. Varied Thrushes - very common
Alaska Hermit Thrushes - 2 or 3 on posts and in pasture-fields
Western Bluebirds - a flock of 15-20, very irridescent.
American Pipits - acouple
Audubon Warbler - 1
English Sparrows
California Bicolor Redwings - afew
Brewer Blackbirds - 35-40
California Purple Finches
House Finch
Sacramento Spotted Towhees- in brush areas
California Brown Towhees - several in open fields, near brush
Oregon Juncos - flocks
Gambel White-crowned Sparrows
Puget Sound White-crowned Sparrows
Golden-crowned Sparrows
Modesto Song Sparrows - acouple

February 6, 1949, Gray Lodge Refuge, SW Butte Co., 1000/4 - 1430, 5-80vc., R-
With Gordon Gullion, Garth Cummings, Jiggs Davis, Bob Hicks S 15-30
of Richmond and San Leandro, Calif.

Pied-billed Grebe - afew
Farallon Cormorants
Blue Herons - several
American Egrets - common
Snowy Egret - just 1 seen
Black-crowned Night Herons - about 75Ø-125 seen - adults and immatures. Wind kept down
American Bitterns - several seen - 5-10
Whistling Swans - perhaps close to 6-700 seen scattered thru refuge area, tho other large flocks were seen outside the refuge in large open, plowed fields. They taxied off the water within 10 feet in this wind. Called often. Was tough flying, even for them.
Common Canada Goose few seen
Western Canada Goose 5-10Ø seen
Lesser Canada Goose about 50 seen
Cackling Canada Goose most common - perhaps several hundred.
White-fronted Goose - 25-30
Tule White-fronted Goose - about 10 seen, that we felt were certainly this subspecies.
Lesser Snow Goose - about 2000 seen altogether
Ross Goose - none identified for certain, tho they may have well been with the Snows.
Mallards - 100's
Gadwalls - 1 pair
Baldpates - few females and no males seen
Pintails - 100's
Green-winged Teal - 100's
Cinnamon Teal - perhaps 10 or so, males for sure.
Shovellers - common - 100's
Lesser Scaup - 1
Ruddy Ducks - a couple of 100, at least
American Mergansers - perhaps 50-75 in area.
Turkey Vultures - at least 10-12 in area. Plenty of food in dead ducks and geese(snows)
Western Red-tailed Hawl - several
Red-bellied Hawks - 2 seen. Coloration nice.
Golden Eagle - 1 in tree
Marsh Hawks very common, both adults and immatures.
Duck Hawk - 1 seen
Sparrow Hawks - a few
Valley Quail -
Pheasants - plentiful - adults and immatures
Coots - 100-200 seen.
Killdeer - a few
Wilson Snipe - 1
Dowitcher - 7
Avocet - 1 with pintails
Ring-billed ~~Gulls~~ Gulls - several adults and immatures
Band-tailed Pigeons - 100's
Mourning Doves - a few
Burrowing Owl - 1 in refuge manager's yard.
Flickers very common
Nuttall Woodpecker - Ienorocopos nuttallii - a female in a small willow - a life lister
Black Phoebe
Say Phoebe
Ruddy Horned Larks
Western Crows common
Interior California Jay
Suisun Long-billed Marsh Wren - 1 seen,
Western Robins
American Pipits
English Sparrows
W. Meadowlarks common
California Bicolor Redwing
Brewer Blackbirds

Strong wind and driving rain made observing very difficult, and birds didn't fly much.

1071

Sacramento Spotted Towhees
Western Lark Sparrows
Gambel White-crowned Sparrows - common
Golden-crowned Sparrows
and 2 heard
Modesto Song Sparrows. 63 species

1071

With the closing of the hunting season on Jan 8th, most waterfowl left the refuge + now feed + rest in farm fields, without returning to the refuge to rest! There were no where near the numbers today present January 8th!! The variety was there, though

February 12, 1949, Natomas, Sacramento Co. 1030-1050 a.m. Clear, cool.
Willow Downy Woodpecker
California Plain Titmouse
San Joaquin Bewick Wren
Northern Varied Thrush
Dwarf Hermit Thrushes
Hutton's Vireo
Green-backed Goldfinches - flocks feeding on new white alder catkins
Sacramento Spotted Towhees -mostly above 12' in live oaks
Modesto Song Sparrow

February 12, 1949, Nigger Hill area, between N & S Forks, American R., just above junction of forks, El Dorado Co. 1130-1500. Clear, 75-8, cool.
Sharp-shinned carrying food.
W. Redtail Hawks
Prairie Falcon - 1 near Nigger Hill School at 3 p.m. Circled southward in tight circles against the wind, without using wings too much.
Sparrow Hawks
Valley Quail - 2 coveys flushed.
Killdeer
California Gull
Flicker, Monterey Red-shafted
California Woodpeckers
Black Phoebe
Interior California Jays
California Plain Titmouse - many in singles
Pallid Wren-tits - several singles, and one flock of 4 in small chamise thicket
Robins
Dwarf Hermit Thrushes
Western Blueibirds - flocks common
Ruby-crowned Kinglets - 2 seen
Audubon Warblers - some in trees, others on rocks along the north fork of river.
Brwer Blackbirds
Sacramento Spotted Towhees
W Savannah Sparrows
W. Lark Sparrows
Gambel's White-crowned Sparrows
Golden-crowned Sparrows

February 17, 1949, North of Gridley, Butte Co. 945 a.m.
American Egrets, Marsh Hawks, Band-tailed Pigeons very common, W. Mockingbird, Robins (many), American Pipits, Bicolor California Redwings, Brewer Blackbirds.

Feb. 17, 1949, Los Molinos, Tehama Co. 430 p.m.
2 Vultures, Sparrow Hawk, and Bicolor Redwings.

February 19, 1949, Woodburn, Marion Co., Oregon, Home. 9 a.m.
Valley Quail calling from lot across the street
California Jays
Seattle Wren - singing
Varied Thrush
Hermit Thrush - 1 dominated all other birds at the feeding tray
English Sparrow
Evening Grosbeaks - flocks all over town
Oregon Juncos
Rusty Song Sparrows.

February 27, 1949 - Sacramento - 1130-12 noon
Pied-billed grebes
Gallinule
Coots
Nuttall's Woodpecker
Calif. Jays
Cedar Waxwings
Evening Grosbeaks
House Finches - singing everywhere, these days.

MCFADDEN'S SWAMP, 14 miles south of Corvallis, Benton Co., Oregon

February ~~14~~ 15, 1949 14:00 to 16:30.
Weather - windy with steady light rain. Temp 42.
Conditions - Water level at road 12". North field under 18" of water.
Area covered - Area north of road covered. Did no look at south end other than what could be seen from dike road. No ducks visible from road. All in north field.

Canada Goose - 2,000 to 3,000 in the area at least.
Snow Goose - Could have been Ross's if such were considered possible. Six flew over swamp from north and then turned around and headed back.
Mallard - 700 to 1,000 in the northwest corner of the north field.
Baldpate - Five feeding with geese in a field just north of the swamp area. Two more later seen in the north field.
Pintail - About 100 seen. Could have been more.
Green-winged Teal - About 150 in small scattered flocks.
Red-tail - one flew over.
Sparrow Hawk - one hovering and one at the RR tracks.
Coot - not as many today. About I 75.
Flicker - 1
Oregon Chickadee - in the ash on west side of north field.
Robin - About 40 along fence row east side of main pond.
Varied Thrush - 1 near same location.
Audubon Warbler - About 10 in ash east of main pond.
Red-wing - They came in about 5:30 this time.
Song Sparrow - only 3.

LONG TOM RIVER, BRIDGE BETWEEN SWAMP AND MONROE.

Febraury 15, 49 16:35.
Just stopped for a minute. No birds visible from bridge to south, but small flock of divers north of bridge. Tried to sneak up on the divers, but they flushed with brush and trees between me and them so I didn't get an accurate count.

Ring-necked Duck - Saw these last week here, and Merl Payne saw some on the 13th. This time saw flock of 10 which were probably of this species.
Canvas-back - At least 30 of them.
Scaup - Saw one. Might have been more.

OREGON STATE COLLEGE CAMPUS

Feb 15, 49

Crossbill - Flock of 14 flying back and forth over field west of Women's Bldg.

D.S. Marshall

MCFADDEN'S SWAMP, BENTON CO., CORVALLIS, ORE

Feb. 19, 1949 10:30 am to 11:00 am
Weather - Broken clouds. Temp 55
Water level - One foot of water over dike road. Water level 24"
Area covered - Only what could be seen from road. Water too deep to go off road.

Pied-billed Grebe - Watched one work across road and on down the main pond to the north.
Mallard - two pair.
Cooper's Hawk - One flew over the main pond and lit in the ash along Muddy Cr.
Sparrow Hawk - One perched on the pole along the RR tracks.
Coot - about 75 out on the grass.
Audubon Warbler - flock working over the ash.
Horned Lark - Several in the field east of the swamp
Red-wing - one male
Song Sparrow - one.

OREGON STATE COLLEGE, CORVALLIS

Feb 20, 49

Crossbill - Saw two flocks today , one 23 birds and one 14. They appear to be feeding on the fruit from the white pines along Jefferson St. north of Central Hall. Saw flock of 14 also Feb 17.

Ed Alcord

MCFADDEN'S SWAMP, 14 miles SOUTH OF CORVALLIS, BENTON CO., ORE.

February 24, 1949 14:00 to 15:00
Weather - clear temp 60
Water level - Over road 14½ north of road. 20 south side of road.
Area covered - north pond. North field looked at from corner. South pond looked at only from road.

Pied-billed Grebe - Watched one from the bridge swim with only his head out of water.
Canada Goose - About 300 in field east of swamp, and about 2,000 in north field.
Mallard - 200, mostly north field.
Gadwall - pair flew off north pond.
Green-winged Teal - 200 or more north field.
Pintail - 50 north field mostly.
Shoveller - two males, north pond. 4 males and 2 females seen on along highway northeast of swamp.
Red-tail - one circled over.
Ring-necked Pheasant - one male and one female
Coot - 150
Killdeer - one flying over.
Robin - [illegible]
Flicker - one.
Crow - 10 north field east side in ash.
Tule Wren - heard one singing.
Audubon Warbler - Flock in the dead ash as always.
Brewer's Blackbird - 3 along SideX east side main pond.
Song Sparrow - two.
Marsh Hawk 1. First one this year

Long Tom River, 3 mi. north of Monroe, Oregon ------ T

Feb. 24, 1949 - 14:30 to 16:00 - T.H. McAllister

68°, clear, calm day.

1077a

Bobbie and I spent all our time stalking the diving ducks from behind a screen of brush in hopes of getting some kodachrome pictures. While she diverted their attention, I crawled up on them from downstream, and a few minutes later the current had carried them to me and I was ready with my camera in a good screen of brush. The birds soon noticed me and were far more curious than alarmed by the whole proceeding. A white handkerchief waved in the air on a stick attracted them in very close. The Canvasbacks and Ring-necks were the easiest to attract, but the Scaups remained well out on the river.

Pied-billed Grebe - 1 with the diving ducks
Ring-necked Duck - the largest number I have seen -- 32 birds in all, but not in a compact flock. Some were mixed in with the Cans.
Scaups, lesser - 40 birds. The lighting was perfect, and at this close range every one of the males showed a distinctively glossy purple head.
Canvasbacks - 60 birds. Some of the birds frequently gave calls that could be described only as shrill growl or like the barking of a tiny pup. Some of the males giving the head throw. Males outnumbered fem. 2 to 1.
White-crowned Sparrow - a bird singing in the brush of the river bank whose song was that of a white-crown, but certainly not our local summer bird. Probably a Gambel's Sparrow.

These birds were at the same spot they were noted on Jan. 1 of this month during the freeze up. Apparently they are wintering here, although there are more now than before. No dabbling ducks left on the river.

TOLEDO, LINCOLN CO., OREGON along highway 20.

February 26, 1949 9:00 am to 10:00 am
Weather : Clear
With class in Management of Dune birds.

1075

Mallard - Two flocks just west of Toledo along marshy stream bottoms. One of the flocks about 25 and other 10.
Gadwall - One seen in with flock of mallards and baldpate.
Eurasian Widgeon - One bright colored male in with flock of about 50 baldpates west of Toledo. Brick red head showed up well. Was along marshy stream bottom with flooded fields and green grass banks. This bird, which McAllister spotted, was under our observation for about 15 minutes.
Baldpate - Flock of 50 noted above. One flock of about 30 and another of 20 seen farther down the highway.
Canvas-back - Flock of about 20 east of Toledo, and 12 others seen just west of Toledo.
Scaup - 4 in pond west of Toledo and 5 east of Toledo.
Ruddy Duck - Jay Long spotted this one in wide spott of river east of Toledo.
Coot - 6
Short-billed Gull - About 25 where Eu. Widgeon was.
Song Sparrows

YAQUINA BAY, LINCOLN CO., OREGON

1077

February 26, 1949 11:00 am to 3:00 pm (same trip as above)
Weather: A few scattered clouds. A beautiful day and warm.

Trip started at XXXX docks at Newport and followed along bayshore to Oregon State College Fish Lab. Most of bayshore covered by automobile. About 1 mile traveled by foot. About 1/2 hour spent in boat in bay.

Lesser Loon - Saw a total of about 7 loons, several of which XXXX were of this species, if not all of them.
Holboell's Grebe - A total of about 8 came within my view. They were individuals scattered about. Found one which was injured and which we picked up. Some of these birds showed a considerable amount of the reddish plumage coming in on the neck.
Horned and/or Eared Grebe - I am almost sure of one being a horned, an individual which allowed ~~SHEVERAL~~ us to approach within about 6 feet of him. Watched this bird swim underwater. Its leg and foot motion reminded me of a human swimming under water. Saw other small grebes scattered loosely about.
Western Grebe - 21 of them all lined up.
Farallon Cormorant - Individuals here and there.
Baird's Cormorant - Saw at least one, and there were probably others and perhaps some Brandt's.
Blue Heron - One flying over.
Black Brant - Flock of about 200 some distance out from shore.
Canvasback - Saw perhaps 150, and probably missed others.
Scaup - Saw one raft of about 175, and several small ones.
Bufflehead - Perhaps 50. Maybe more.
White-winged Scoter - Scattered in small flocks about bay with Surf scoters.
Surf Scoter - see above.
American Scoter - Saw one of the fishing docks at Newport. Two others near the lab.

Baldy Ipek - 6 just outside town in bay.
Red-breasted Merganser - Saw perhaps 20. Never more than ten at a time, and almost all were males.
Scoot - a few along bay shore, scattered flocks altogether.
Glaucous-winged Gull - At newport. Very few of them.
Western Gull - Scattered about, mostly at Newport.
Belted Kingfisher - one at fish lab.
Chestnut-backed Chickadee - Largest flock of these birds I have ever seen. In spruce along road. Flock estimate at about 35.
Wren-tit - Heard singing from the timber.
Winter Wren " " " " "
Golden-crowned Kinglet - Calling from timber.
Hutton Vireo - Singing from timber.
Savannah Sparrow - One along bay at fish lab.
Song Sparrow - A couple around fish lab.
Oregon Junco - Several around fish lab.

YAQUINA BAY LIGHTHOUSE, (same trip as above)

Western Grebe - Two in the surf.
Black Oyster-catcher - Two on the rocks below.
Glaucous-winged Gull - One
Western Gull - a few

D.D. Marshall

MCFADDEN'S SWAMP, 14 miles south of CORVALLIS, BENTON CO. Ore.

February 27, 1949 14:30 to 16:30.
Weather - clear
Water level - forgot to look, but I would guess 10.
North field flooded.
Two parties - T.H. McAllister and D.B. Marshall seperate.
Area covered - McAllister went to north field and Marshall to south ponds. No ducks south of road.

Canada Goose - McAllister saw 7,000 in north field. Marshall heard four of them taking off the water from far south end of swamp. Was loud even from there. No cacklers.
White-fronted Goose - one north field.
Snow Goose - one also north field.
Mallard - 300 pairs, paired up. Mostly north field.
Baldpate - 2 north pond.
Pintail - 100
Green-winged Teal - 200 mo tly north field.
Shoveller - eight pair north field.
Ruddy Duck - one north pond.
Ring-necked Pheasant - 4 cocks.
Coot - 200
Killdeer - 12 north field.
Wilson's Snipe - 6 north field.
Flicker - one.
Oregon Chickadee - small flock in ash south side.
Tule Wren - one singing.
Robin - small fock of about 15 along fence row east side main pond.
Audubon Warbler - Flock in ash as always.
Western Meadowlark - one singing.
Red-Wing - Tom saw two.
Song Sparrow - Tom saw 8 and Marshall 3.

ONE MILE SOUTHWEST OF MCFADDEN's SWAMP.

Whistling Swan - two immatures and 3 adults in field west of Muddy Cr. and just south of Kindwhich the next road south of the swamp.

OREGON STATE CAMPUS

Crossbills still with us (March 4, 49) See them every day.

D.B. Marshall

March 5, 1949, Lake Washington, Yolo Co., W. of Sacramento, 905-950 a.m. Calm. clear.

Farallon Cormorant
American Egrets
Whistling Swans - 7
White-fronted Geese - 26
Lesser Snow Goose - 1
Baldpate - 1M
Pintail - 1M
Canvasbacks - adults and immatures (?) - 200
Lesser Scaups - 200
Ruddy Ducks - 150
White-tailed Kites - 1 perched in cottonwood at edge of lake. Another near the river.
Sparrow Hawk
Ring-necked Pheasants - 8
Coots - 700&
Short-billed Gulls - near the river
Ring-billed Gulls - near the river
Band-tailed Pigeons - about 30 flew over
Flicker - several
Violet-green Swallow - 1
Tree Swallows - 150-200
Cliff Swallow - 1
Interior California Jay
Western Crows
American Pipits
Audubon Warblers
Bicolor-Redwings - some males displaying their epaulets.
Brewer Blackbirds
Oregon Vesper Sparrow
Western Savannah Sparrows
White-crowned Sparrows - yellow bill, line to eye.
Modesto Song Sparrow

March 5, 1949, Natomas, Sacramento Co. 1115-1145.
Vulture, Monterey Red-shafted Flicker, Interior California Jay, California Plain Titmouse, San Joaquin Wren, Pacific Varied Thrush, Ruby-crowned Kinglets Hutton Vireo, Sacramento Spotted Towhees.

March 5, 1949, Bass Lake, and vicinity, ~~1100'~~ 1232', NE of Clarksville on U.S. 50. 1215-1245. 15 Brkn. SE 3-8.

The lake is a shallow basin in open country - just grass. Within a mile is oak woodland, and digger pine, as well as chaparral.

Pied-billed Grebe - 1
Canvasbacks - about 90 resting with bills tucked underwing, but as wind came up from the SE, they began to spread out, and feed, showing activity.
Lesser Scaups - 30, mostly males
Ruddy Ducks - 30 - only 2 full males.
Vultures - several seen, and one group of 5 circling low together.
Red-tailed Hawks utilizing up-currents along N-S ridges, hovering in one spot. Saw one perched on top of an oak, while another was high above, doing love-dives.
Marsh Hawk - F
~~000~~ Sparrow Hawk
Coots - about 300
Killdeer - 1
Band-tailed Pigeons - about 40 flew over
California Woodpecker - 1 on post beside the road.
Black Phoebe
Say Phoebe, 2 Violet-green Swallows, 15-20 Tree Swallows, 5Yellow-billed Magpies. Western Crows, Robins feeding on the ground, Western Bluebirds in small groups. W. Meadowlarks, Sacramento Brown Towhees, Oregon Vesper Sp., and Oregon Juncos.

OVER

March 5, 1949, Amador County, from Cosumnes River to C.S.H. 16 on Latrobe road. 1345-1500.

Common Canada Geese - 11 on dike and in water of small stock water impoundment. They had very white underparts.
Sharp-shinned Hawk
Mourning Dove - 1
Flicker
California Woodpecker
Black Phoebe
Yellow-billed Magpies
Pallid Wren-tits.
Robins feeding on open ground in pastures, etc.
Hutton Vireo in oak woodland
Audubon Warblers
W. Meadowlarks in large flocks in oak-pasture areas
Sacramento Spotted Towhees
Sacramento Brown Towhee

McFadden's Swamp - March 5, 1949 - 15:30 to 17:00

69°, calm, spring-like day with scattered cumulus clouds.

With the exception of the waterfowl and the others noted, all the birds were seen along the swamp road on the west side to its terminus in the foothills.

Mallard - several hundred pairs scattered over the swamp.
Baldpate - 1 m. with Green-winged Teal just east of Bruce.
Pintail - 14 pair on the north end of the swamp.
Green-winged Teal - 9 on a small slough in a field east of Bruce.
Ruddy Duck - 1 m. in the main channel of the swamp with bright white cheek patches and black crown, but no red.
Coot - 35
Ring-necked pheasant - 3 cocks in fields on west side, one crowing on west side.
N. S. Flicker - 3
Golden-crowned sparrows-four large flocks encountered along brushy road-side.
White-crowned Sparrows (Gambels or Puget Sound?) - mixed in with the flocks of Golden-crowns in small nos.
Horned Lark - two singing in fields
Tree Swallows - 4 over the swamp
Calif. Jay - one in tree at side of road.
Raven - large flock intermixed with crows. They were all soaring over an oak covered ridge. After an hour, this broke up and the ravens separated. 28 counted as they flew towards the hills. Before disappearing, though, they hit an updraft and soared upwards nearly out of site. Played together in this current for half-an-hour, soaring around in wide circles and engaging each other in aerial combats.
Crows - flock of 30 with the ravens.
Oregon Chickadee - 1 calling
Seattle Wren - 2 singing
Winter Wren - 5 along woods trail in the Douglas fir.
Wester Robins - flock of 40 flew over.
Hermit Thrush - one in brush along road
Audubon's Warbler - 6
Meadowlark - 1&
Red-winged Blackbirds - none at swamp. All out in the fields with the Brewer's. Singing.
Brewers Blackbirds - two flocks of 30
Oregon Towhee - a pair
Vesper Sparrow - one singing at at edge of field on the slope of the foothills.

March 6, 1949, Lower Capay Valley from Capay to Rumsey, along Cache Creek, Yolo County, 1115-1140 a.m.

Sparrow Hawks
Band-tailed Pigeons - 20-25
Flickers
California Woodpeckers
Lewis Woodpecker
California Jay
Pacific Varied Thrush
California Shrikes
W. Meadowlark
Green-backed Goldfinch - 15
Sacramento Brown Towhee

March 6, 1949, Clear Lake Basin, Lake County, 1300-1415 We visited SE 5-6 miles of lake past Clearlake Park.

Western Grebes - 30
Pied-billed Grebes - 3
White Pelicans - 25
Farallon Cormorants - 5
Blue Heron
Baldpate - 2
Lesser Scaups 8 (3F)
American Merganser
W. Red-tailed Hawk
Coots - 250&
California Woodpeckers
Coast Steller Jay
Northwestern Calif. Jay
W. Crows
Calif. Plain Titmouse
English Sparrow
Bullock Oriole nest in poplar
Brewer Blackbirds
Sacramento Brown Towhee

March 6, 1949, Lower Lake, Lake Co. to Calistoga, Napa Co. 1430-1515 over head of Putah Creek, and up St. Helena Creek and east spur of Mt.St.Helena.

W. Red-tailed Hawks
Violet-green Swallows
W. Robins Calif. Shrikes.
Sacramento Brown Towhee
McNab Cypress, Knob-cone Pine, Yellow Pine, Digger Pine, Incense Cedar, D. Fir, Myrtle, etc.

March 6, 1949, Calistoga to St. Helena, Napa Co. 1515-1530
Sparrow Hawks, Bandtailed Pigeons - 26, W. Crows, Brewer Blackbirds

March 6, 1949, ~~Sage Creek~~ Conn Lake Reservoir, E of Rutherford, Napa Co. 1540-1545.
Pied-billed Grebes - 12
Lesser Scaups - pair
Ruddy Ducks - 2
Coots - X 75&
Killdeer
Tree Swallows - 18&

March 6, 1949, Rutherford, Napa Co. to Winters, Yolo County, down Putah Cr, via Montecello.

Vultures - 2
Sparrow Hawk
Mourning Doves
Northwestern California Jay
W. Robin
Western Bluebirds
Audubon Warblers
W. Meadowlarks
Sacramento Spotted Towhee
Oregon Juncos

MCFADDEN'S SWAMP, CORVALLIS, BENTON CO., ORE.

March 6, 1949 9:20 am to 11:30 am.
Weather - fog about 100 feet up. Temp. 45.
Water Level - 6". Northfield with isolated puddles and damp ground.
Area covered - Walked along east edge of main pond and halfway up east edge of north field. Then went up MUDDY RIVER between Muddy Cr. and swamp on south side of road to long penninsula extending out into creek.
Vegitation - Eleocharis coming up several inches. Lots of fresh shoots of Polygonum.

Canada Geese - Only saw about 300, but know lots more were present as we could hear them on all around the large south pond which we did not look at.
Mallard - At least 1,000, mostly on north field and paired up. Most mallards I can remember seeing at the swamp.
Pintail - About 80, mostly males.
Green-winged Teal - Over 1,000, mostly in north field.
Shoveller - 5 males and 2 females.
Red-tail - One in ash by north field.
Ring-necked Pheasant - one cock.
Coot - Only 50 seen. Seemed more scattered than usual.
Flicker - one.
Violet-Green Swallow - First this year. About 20 circling over main pond. Might have been some tree swallows with them, but could only identify Violet-Green fore sure.
Crow - Heard some cawing.
Oregon Chickadee - Heard small flock.
Seattle Wren - one singing.
Tule Wren - one singing.
Robin - About 50 along fencerow on east side of main pond, and bout 50 more between Muddy Cr. and swamp south of road.
Varied - Thrush - One singing with the latter robins.
Golden-crowned Kinglet - small flock in ash along Muddy Cr.
Audubon Warbler - 20 working over Spirea and Carex along main pond.
Western Meadowlark - one singing along fencerow with first bunch of robins.
Red-wing - A few here and there around main pond.
Crossbill - Bet this is a new one for the swamp. Small flock flew over.
Oregon Towhee - one along Muddy Cr.
Junco - small flock along Muddy Cr.
Song Sparrow - (9 seen or heard.

D.B. Marshall

McFadden's Swamp, Benton Co., Oregon

March 7, 1949. 16:45 to 1730.

Mild, high Cumulo-stratus, light south wind. Covered south end.

Blue-heron - 2
Canada Geese - 4,000, in rye field on S.E. corner. Able to pick out only a few intermediate sized geese this winter; all the large form.
Snow Goose - 1 2nd year bird with the Canadas.
Mallard - all paired and scattered throughout the swamp, including the flooded ash woods.
Pintail - only a few pair
Green-winged Teal - 1 pair
Western Red-tail - 1 in an ash tree
Ring-necked Pheasant - 2 cocks
Coot - 25
Wilsons Snipe - 1
Western Sandpiper - flock of 8 at edge of pond in field.
Killdeer - 5
Violet-green Swallows - 4 flew over
Oregon Chickadee
Tule Wren - singing
Red-winged Blackbirds
Brewer's Blackbirds - flocks came in at evening
Juncos
Song Sparrow

March 8, 1949, Reno, Washoe Co, to Fernely, Churchill Co./ 815-845, Utah Nevada

Canada Geese - flight of 15-20 seen near Wadsworth
Mallards - 100's along the Truckee River, feeding, preening and resting.
Pintails - a few along the Truckee River
American Merganser - the 2nd most-abundant duck on the Truckee River
Marsh Hawks - 2
Black-billed Magpies - several seen
American Ravens
Nevada Redwinged Blackbird

March 8, 1949, Fernley-Ocala, Churchill Co, Nevada. 845-930.
Mallards in Fernley Sink
Pintails "
Say's Phoebe on ridge
Ravens - 2 pair
Western Boreal Shrike
Nevada Redwings

March 8, 1949 - Humboldt Sink, Pershing Co. Nevada (Upper and Lower Humboldt Lakes)
White Pelicans - about 12 seen in middle of upper lake. - Churchill Co.
Ravens - several pairs
Pipits in small flocks.
Lake outlet - 5 p.m. Baldpates - 2;
Pintails - 2M & 4F; and a pair Cinnamon Teal.

March 9, 1949 - Lovelock Irrigation District, Pershing Co, Nevada.
Swainson Hawk
Marsh Hawks
Meadowlarks
Robins
Rye-Patch Reservoir, Pershing Co. 1030 a.m.
Frozen over. No water in Pit-Taylor Res.
Horned Larks - 100's in area
Ravens - pair
Lark Sparrows - 3 or 4 seen

March 10, 1949, Fallon-Stillwater area, Churchill Co, 8-9 a.m., Nevada.
Marsh Hawks common
Pigeon Hawk -
Sparrow Hawk
Valley Quail - 1 pair
Ring-billed Gulls - 20-25 seen
Monterey Red-shafted Flicker
Black-billed Magpies common 50-75
Western Boreal Shrikes - several 8-10
W. Meadowlarks - dozens 50-60
Nevada Redwings
Brewer Blackbirds - 1000's in fields

March 10, 1949, Leetville (Silver State Gun Club), W of Fallon, Churchill Co, Nevada.
Whistling Swan 1115-1130 a.m.
Mallards
Pintails
Cinnamon Teals
Green-winged Teal
Marsh Hawks
Coots
Nevada Redwings

March 10, 1949, Virginia City, Storey Co, Nevada - noon.
Mountain Bluebirds - only 2 seen. No other birds.

March 12, 1949, Lake Washington, Yolo Co, W of Sacramento, 1100-1200.
25 Brkn, nearly calm, cool

Pied-billed Grebes - 6
Bittern
Canvasbacks - 200-225
Lesser Scaups - 104
Ruddy Ducks - 59
Sparrow Hawks - 2
Ring-necked Pheasants - 30 in wet cattails.
Gallinule - 2
Coots - 1754
Short-billed Gull
Flickers - 15
Tree Swallows - 150
Western Crows - 10
Suisun Long-billed Marsh Wren - 14 - singing ever ywhere
Audubon Warblers - 25
Pacific Yellowthroats - 5
Western Meadowlarks singing
Calif. Bicolor Redwings - 60
Brewer Blackbirds - 2
House Finches - 4
Vesper Sparrows - 150-200
Savannah Sparrows - 4
Puget Sound White-crowned Sparrows
Modesto Song Sparrows - 12

March 12, 1949, Sacramento River from West Sacramento to Walnut Grove, San Joaq. Co.
1215-1345, Sctd cus, calm, cool.

Pied-billed Grebes
Blue Herons
Whistling Swans - 7 in field
Vultures - 30 or so circling in 2 groups northward.
Sparrow Hawk
Coots
Ring-billed Gull
Band-tailed Pigeons - 12
Monterey Red-shafted Flicker
Willow Downy Woodpecker working on cottonwoods
Black Phoebes - 2 or 3
Tree Swallows - many. 1 pair have nest hole site in stub of Fremont Poplar
Interior California Jays common
California Plain Titmouse - 2 or 3 - variable calls.
Slender-billed Nuthatch
Cassin Vireo
Audubon Warblers
Western Meadowlarks
Sacramento Spotted Towhees
Puget Sound White-crowned Sparrows
Modesto Song Sparrows

March 12, 1949, Franklin Ranch sloughs, east of Courtland, in S. Sacramento Co., Calif
1400-1500, 20Ø, calm, cool. +1 miles WSW of Pt. Pleasant +

Pied-billed Grebes
Farallon Cormorant - one had to beat much of wings into water to take off.
Great Blue Heron
American Egrets - several
Black-crowned Night Heron - 1
Bitterns - 5
Cackling Geese - 27
Mallards - 10
Vultures - 4
Sharp-shinned Hawk - 1
Red-bellied Hawk - 1 perched in cottonwood (Fremont's)
Marsh Hawks - 2M and 3F and 2 imm. seen
Sparrow Hawk
Coots - 100's
Virginia Rail - 1
Long-billed Curlews - over 75 feeding in wet pasture with steers, N of Franklin.
Godwits - 6 in dike running through wet field.
Monterey Red-shafted Flickers very common
Black Phoebes - at least 25 seen
Tree Swallows - 125-150
Interior California Jay
Yellow-billed Magpies in fields
Western Crows
San Joaquin Wrens - one scolding, and another singing.
Varied Thrush - several on moist, shaded ground among willows at edge of water.
Ruby-crowned Kinglet - 2
Audubon Warblers - 300-400 working willow trees and brush
Pacific Yellow-throat - 4
Western Meadowlarks - 25-35
Calif. Bicolor Redwings 75-100
Brewer Blackbirds - 150-200
Calif. Purple Finches - 20-25
Sacramento Spotted Towhees - 10-12
Puget Sound White-crowned Sparrows - 250-300 - very common inbrush
Modesto Song Sparrows common - 50-75 seen.

March 13, 1949, Lake Washington, Yolo county, W of Sacramento, 1215-1235, Calm warm.
Pied-billed Grebe - swam about with head just out of water.
Blue Heron flew ahead of the car at 32 m.p.h.
Canvasbacks - 36
Lesser Scaups - 85
Ruddy Ducks - 25 - most of them paired
Sparrow Hawk - 3
Coots - 1200
Flicker - 2
Tree Swallows - 35-40
Western Crows - 40
Tule Wrens singing - 8
American Pipits - 5
Audubon Warblers - 20
W. Meadowlarks - 12
Calif. Bicolor Redwings.
Common Goldfinches
Vesper Sparrows- 25
Puget Sound White-crowned Sparrows - 8
Modesto Song Sparrows - 10

March 13, 1949, Flooded fields SE of Del Paso RR siding, near Rio Linda, Sacto Co.
1425-1455, -Ø/ calm, warm.

A waterfowl concentration in this flooded field area just east of the RR tracks.
About 1500-1600 ducks present, along with coots, etc.

Pied-billed Grebe - 5
Blue Heron - 1
American Egrets - 4
Mallards - 225
Baldpates - 400
Pintails - 75
Cinnamon Teal - 50
Shovellers - 36
Canvasbacks - 350
Lesser Scaups - 290
Ruddy Ducks - 180
Vulture - 2
Marsh Hawks - 3
Sparrow Hawk - 2
Coots - 850
Tree Swallows - 7
Yellow-billed Magpie - 1
Western Crows - 29
Western Mockingbird - 1
Audubon Warblers - 15
Western Meadowlarks - 30-40
Calif. Purple Finches - 4

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MCFADDEN'S SWAMP, 14 miles south CORVALLIS, OREGON

March 13, 1949 9:30am to 12:30 pm.
Weather - Low clouds. Intermittent ~~rai~~ light rains.
Water level - 6½. Little water on north field. Just soggy.
Area covered - All ponds and north field looked at.
Blue Heron - At least two which went here and there. First in main pond
Canada Goose - 3,000 or more in area.
Mallard - About 800, mostly in ponds south of road and in main pond.
All paired up.
Pintail - Only a few mostly males. About 30.
Green-winged Teal - About two large flocks of 300 each flew out of main pond.
Wood Duck - Heard one while we were in brush along muddy Cr., but didn't see it.
Bufflehead - one female or immature male on main pond at south.
Wilson's Snipe - Walked along fence from corner to junction of main swamp outlet. Flushed about 30 of them.
Coot - 100
Horned Lark - one singing. in field.
Violet-Green Swallow - only saw one for sure. Were undoubtedly more.
Tree Swallow - About 50 of them. They lit in dead ash tree.
Crow - several flew over
Oregon Chickadee - heard one.
Tule Wren - one singing. Don't believe tule wrens are as numerous as last year.
Robin - only about 2.
Varied Thrush - heard one singing.
Audubon Warblers
Red-wings. Males showing off there red shoulder patches today.
Golden-crowned Sparrow - Betty spotted this one. Was alone in brush at turn in road when we first hit the swamp. The usually flock of golden-crowns in the ~~rose~~ just south of the horse sled has not been ~~seen~~ seen by us this year.
Song Sparrow - about 7.

E.E. Marshall

LEADBETTER PROPERTY, MOUTH OF WILLAMETTE RIVER, MULT. CO., ORE.

March 15, 1949 9:30am to 1:00pm
Weather - cloudy with intermittent light rain
Area Covered - Drove down road from main first gate to first house about a mile down. Took left hand fork of road and drove to mouth of river. Walked from mouth of river to heron rookery and back.
The area has been greatly changed since the flood last spring. At the mouth of the river there is an area of several acres or more piled up with sand 10 feet high or more. In one place it completely burried a big evergreen blackberry thicket. Over the entire area sloughs have been filled up with sand and silt. These were impossible to cross as we would promply get burried to our knees in mud. The slough next to the rookery was in this state. The road near the rookery was not being used because of being burried in places by sand and mud.

Farallon Cormorant - one on the Willamette.
Blue Heron - Saw these at the rookery. A few new nests have been built on the otherside of the slough. About 150 herons were present. Only one to a nest, the only exception being in one case were two birds were perched at one nest. Whenever a bird came near a neighbors nest or flew close by he was promptly challanged by a head throw accompanied by gutteral notes. With only one bird to a nest it would seem that they were males establishing nesting sites. Now and then we saw one carrying nesting material. The new nests on the opposite side of the slough were not occupied while we were present. We stayed and watched the rookery for about 30 minutes around noon. The cottonwoods were not yet leafed out. Only buds present.
Mallard - Flushed four near the rookery.
Scaup - One at the mouth of Columbia slough.
Red-tail - one hanging around the rookery.
Barn Owl - One flew out of an old barn down river from the rookery towards the mouth of the Willamette. We were not able to find the bird again, and it was not present when we returned to the barn about an hour later. Could not find any signs of a nest in the barn and only occasional droppings, which I don't think were owl droppings.
Violet-Green Swallow - several
Tree Swallow - Heard some at the mouth of the Willamette
Western Crow - A few along the river
Oregon Chickadee - Ran on to about 4 flocks.
Bushtit - one flock of about 15.
Slender-billed Nuthatch - two with bushtits and chickadees.
Seattle Wren
Robin - one
Golden-crowned Kinglet - Flock of about 15 with chickadees.
Audubon Warbler - One or two here and there.
Oregon Towhee
Junco - small flock at mouth of willamette.
Fox Sparrow - One singing.
Song Sparrows

D.B. Marshall

March 19, 1949
Yolo By-pass, Yolo County, just W of Sacramento. 715-720 a.m. RW-

Fred G. Evenden, Jr.

White-Pelicans - 35
Blue Heron - 5
American Egrets - 75
Canada Geese ssp - 4-5,000
White-fronted Geese - 2,000
Baldpates - 8,000
Pintails - 800
Coots - 5,000
Ring-billed Gulls - 50

The by-pass waters have flooded much grain-land, and the ducks and geese are making the most of it.

March 19, 1949 - California State Hiway 48, NW of Vallejo, Solano Co. 0825-0830.
RW- 50vc.

Horned Grebe
Pied-billed Grebes
Blue Heron
American Egrets
Shovellers
Canvasbacks - common
Ruddy ducks
Marsh Hawk M
Coots
Black-bellied Ploves - 4 seen.
Hudsonian Curlews
Long-billed Curlews -
Willets
Western Sandpipers
Red-backed Sandpipers
Least Sandpipers
Avocets - feeding with side-swipe forward motion.
Western Crows
Suisun Long-billed Marsh Wrens
San Francisco Red-winged Blackbird
Brewer Blackbirds
Samuels Song Sparrow - M. m. samuelis

The north shore of San Pablo Bay south of route 48 was literally black with shorebirds, but they were so far from me that their identity could not be determined. Probably much the same composition as those seen near Vallejo

March 19, 1949 Just east of Petaluma Creek, Sonoma County, 855 a.m. RW- 10 Brkn.
1 Barn Swallow - the first of the year (Tree, Violet-green, and Cliffs already seen).

March 19, 1949 Black Point, Marin Co. to Novato, Marin Co. 0855-0900.
American Egrets
Canvasbacks
Lesser Scaups
Ruddy ducks
Sparrow Hawks
Coots
Barn Swallows
Western Crows
Western Meadowlarks
San Francisco Redwings
Calif. Purple Finches
Common Goldfinches.

Grain fields, rolling hills with scattered live and blue oaks, and many flooded fields and swales.

March 19, 1949, Novato to Pt. Reyes Station, Marin Co., 0920-0950.
Mallards
Vultures
Sparrow Hawks
Valley Quail - 7
Rufous Hummingbird - 3 seen - first of year.
Monterey Red-shafted Flicker
Black Phoebe
Northwestern California Jay
Ravens
Western Crows
W. Meadowlarks
San Francisco Redwings
Brewer Blackbirds, San Fran. Spotted Towhee
Nuttall's White-crowned Sparrows
Puget Sound White-crowned Sparrows

Fred G. Evenden, Jr.

March 19, 1949, Tomales Bay, Marin Co. 1000-1200 15-20 Brkn, calm, warm.
Tide changing to come in.

Common Loon
Red-throated Loon
Horned Grebes - some in full plumage.
Eared Grebes -
Western Grebes
Pied-billed Grebes
Baird's Cormorant - common
Farallon Cormorant - common
Brandt's Cormorant - few
Blue Heron
American Egrets
Black Brant - about 1500-2000 in bay feeding on eeel grass.
Mallards
Shovellers
Canvasbacks - about 1500 seen
Greater Scaups - 7 seen
Lesser Scaups - about 3000
Buffleheads - 1-200
American Golden-eyes - adult M & F - 75-100
White-winged Scotes - common
Surf Scoters - very common
American Scoters - about 25 seen - uncommon
Ruddy ducks - 2500-3000
Red-breasted Mergansers - 25-30
Vultures
Sharp-shinned Hawk
Sparrow Hawks
Coots - 50,000 &
California Gulls
Western Gulls
Glaucous Gulls
Bonaparte Gull - winter plumage
Rufous Hummingbirds common
Monterey Red-shafted Flicker
Black Phoebe
Barn Swallows - about 30 seen.
Tree Swallows
Ravens
W. Crows
Coast Bush-tits
Ruddy Wren-tits
W. Meadowlarks
Calif. Purple Finches in small flocks
San. Fran. Brown Towhee -richly colored compared to other ssp. Not common
Marin Song Sparrow - M. m. gouldii

March 19, 1949, Inverness on Tomales Bay to Pt. Reyes, Marin Co. 1200-1245

Vulture
Sharp-shinned Hawk

Pinus muricata, myrtle, live oak, cypress, madrone, etc.

Rufous Hummingbirds common on south slopes, feeding in Arctostaphylos.
Anna Hummingbird - 2 seen - 1st I've seen - had to use Peterson on them !
Costa Hummingbird - 5 or 6 seen perched in tops of madrone, and pine, etc.
Willow Downy Woodpecker on bishop's pine.
Tawny Brown Creepers - paired up
Ruddy Wren-tits
Nicasio Bewick Wren (T. b. marinensis) singing
Golden-crowned Kinglets
Hutton Vireo
Lutescent Warbler - ssp?

Fred G. Evenden, Jr.

March 19, 1949, Pt. Reyes, Marin Co. 1245-1330
Grassed steep open hills, dominant shrub is tree lupine - Lupinus arborea, I believe.

Surf Scoter
Marsh Hawk M & F
Sparrow Hawks
California Gulls
Western Gulls
Pigeon Guillemot
Monterey Red-shafted Flicker
Ravens
W. Meadowlarks - many
Nuttall's White-crowned Sparrows

March 19, 1949, Bodega Bay, Sonoma County, 1530-1615. Clear, calm, warm.

Common Loon
Eared Grebes
Western Grebes
Baird Cormorants - common
Brandt Cormorants - few
Blue Heron
American Egrets
Black Brants - about 2500-3000 in 3 or 4 small flocks
Baldpates - 75
Pintails - 13
Canvasbacks - 75-80
Lesser Scaups - 30-35
Buffleheads - 10-15
White-winged Scoters
Suff Scoters
American Scoters
Ruddy ducks
American Merganser
Red-breasted Merganser

Red-tailed Hawks
Sparrow Hawks
Coots
Long-billed Curlews - 6
Sanderlings - 45-50 in one flock with Brants
Least Sandpipers - about 700 in one flock
California Gulls
Western Gulls
Herring Gulls
Glaucous Gulls
Bonaparte Gulls - winter plumage
Ravens
W. Meadowlarks
San Francisco Redwings
Brewer Blackbirds
Calif. Purple Finch
Puget Sound White-crowned Sparrows
Marin Song Sparrow

March 19, 1949, Bodega Bay to Jenner/at mouth of Russian River, 1450-1715, clear. Sonoma Co.

Baird Cormorants
Canvasbacks
Red-bellied Hawk- immature
Sparrow Hawks
Coots
Herring Gull
Tree Swallows
Brewer Blackbird
Nuttall White-crowned Sparrows

March 20, 1949, Gualala River, Mendocino-Sonoma Co. line near mouth of river. 0630-0800
American Golden-eyes floating and feeding in very muddy water of river.
Rufous Hummingbirds on salmonberry flowers
Monterey Red-shafted Flicker
Willow Downy Woodpecker
Ravens
Chestnut-backed Chickadees flock working red alder
Winter Wren - singing from 30 feet up in redwood. - several
Robins - singing
Tawny Creepers
Varied Thrush - several
Ruby-crowned Kinglets
Golden-crowned Kinglets
Marin Song Sparrow

In redwood belt with D. Fir, alder, white fir, tanbark, madrone, bishop pine, etc.

MCFADDEN'S SWAMP, CORVALLIS, BENTON CO., OREGON

March 19, 1949 8:50 - 9:05am 15min.
Weather - cloudy and windy.
Area covered - Just stopped by on way south. Didn't get out of car.

Canada Goose - 150 in nearby field.
Mallard - 100 seen from road.
Pintil - 5
Green-winged Teal 10
Violet-Green Swallows
Tree Swallows
Red-wings

This make swamp complete upto the date as far as my records go.

LONG TOM RIVER AT bridge below swamp and north of MONROE

March 19, 49 9:15 am

Canvasback - two pair with scaups below
Scaup - Counted 75
Valley Quail - heard one

D.S. Marshall

Fred G. Evenden, Jr.

March 20, 1949, Gualala to Point Arena, Mendocino Co. 0800-1000. 3 Brkn. cool

Common Loon - on fresh water pond
Western Grebe
Farallon Cormorant
Brandt Cormorant
Baird Cormorant
Canada Geese - 15
Vultures
Red-tailed Hawk
Sparrow Hawk
Valley Quail - 45& in plowed field - 3 lookouts.
Western Gull
Herring Gull
California Gull
Monterey Red-shafted Flicker
Tree Swallow
Raven
Audubon Warbler
Wq Meadowlarks
San Fran. Redwings
Brewer Blackbird
Cal. Purple Finch
Pine Siskins - 125&
Nuttall Wh-cr. Sp.
Marin Song Sparrow

March 20, 1949, Manchester to east over mtns. to Boonville, Mendocino Co. 10-1200.

Pacific Loon
Vultures common
Red-tailed Hawks - 3
Sparrow Hawks
Oregon Sooty Grouse (D.f.f.) - 2 calling.
Coots
Rufous Hummingbird
Ravens
Varied Thrush
Western Bluebirds - scattered flocks
Hutton Vireo - 2 calling from madrones
San Francisco Redwings
Calif. Purple Finches
San Fran. Spotted Towhee
Oregon Juncos - 2 or 3 small flocks
Puget-Sound White-crowned Sparrows.

Mendocino Co.

March 20, 1949, Boonville-Cloverdale, Sonoma County on Calif. 28. 1220-1300

Vultures
Cooper Hawk
California woodpeckers in live oaks
Black Phoebe along Navarro river
Ravens
California Plain Titmouse.

March 20, 1949, Russian River at Geyserville, Sonoma Co. 1315-1330.

Coot
Kingfisher
Tree Swallows
Northwestern California Jay
Audubon Warblers - 1st ones I have heard singing this year.
Willows and cottonwoods (P. fremontii)

March 20, 1949, Conn Lake, E of Rutherford, Napa Co. 1445-1500.

Western Grebes - 2
Pied-billed Grebes - 50-60
American Golden-eyes - 2
Ruddy Ducks - 45
Coots - 300
Kingfisher
Brewer Blackbirds

March 20, 1949, Putah Creek Valley south of Monticello, Napa Co. 1530

Valley Quail - 17 Ravens and California Shrike

March 20, 1949, Lake Washington, Yolo Co. W of Sacramento. 1710-1730.

Ruddy Ducks - 10
Coots - 100
Ring-billed Gulls
Calif. Bicolor Redwings
Brewer Blackbirds

Perhaps the wrong time of the day, or too many Sunday visitors to the lake, or perhaps they have all moved to the flooded lands of the Yolo Bypass to the west of the lake. Usually 1500± divers here.

March 21, 1949, Farmington Reservoir Site, along Littlejohn Cr., San JoaquinCo. 1345-1425 PST.

Blue heron
American egret
Western redtail hawk - 2
Marsh hawk male
Gallinules - 6-8
Coots - 15-20
Calif. woodpecker
Ruddy Horned Larks
Barn swallows
Calif. Shrikes
W. meadowlarks
Calif. bicolor redwings
Brewer Blackbird
Western savannah Sparrows

March 21, 1949, Woodward Reservoir, San Joaquin Co. 1430-1500 PST

Western Grebes - 6-8
American egrets - 3
Mallards - 3
Baldpates - 25
Shovellers - 2
W. redtail hawk
Marsh hawk
Pheasants - 5
Coots - 250-300
greater Yellowlegs - 1
Ring-billed gulls - 10-15
Black phoebe
W. robins
Calif. shrikes
W. meadowlarks
Calif. bicolor redwings
Brewer Blackbirds.

March 22, 1949, Fresno-Squaw Valley (at foothills), Fresno Co. 0800-0845 PST.
Grapes, almonds, peaches, olives, and pasture.

Sparrow Hawk
Mourning Doves
Monterey Red-shafted Flicker
California Jays
W. Bluebirds
Audubon Warblers
W. Meadowlarks
Calif. Purple Finches
Sacramento Brown Towhee
Oregon Vesper Sparrows
Oregon Juncos

March 22, 1949, Squaw Valley-Kings Canyon National Park, Fresno Co. 0845-0915.
Chaparral scrub and rock outcrops - decomposing granite soils. Some incense cedar and sequoia at higher elevations.

Redtail hawk
Valley Quails
Band-tailed pigeons - 16
Mourning Doves
Monterey Red-shafted flickers
Calif. Jays at 4000 feet in chaparr al
Western Bluebirds common
Calif. Shrikes
Calif. Purple finch
Sacramento Spotted Towhee
Oregon Junco.

March 22, 1949, Kings Canyon N. P., Gen. Grant Grove Section, Tulare Co. 7000' elev
big trees, incense cedar, hemlock, sugar pine.

Havens
Stellar Jays - many.

March 22, 1949, U.S.H. 180 at Centerville to Pine Flat Reservoir Site, Fresno Co.
Blue Heron along Kings River
Belted kingfisher
Calif. Woodpeckers abundant
Violet-green swallows
Tree swallows
Rough-winged Swallows along Friant-Kern Canal
W. Mockingbird
Varied Thrush in oak-willow bottomlands.

March 22, 1949, Pine Flat Dam Site up Kings R to Trimmer and over pass to Tollhouse, Fresno Co. 1500-1545. Buckeye, manzanita, digger pine, blue oak, buck-
Valley Quail about only bird. brush, and sycamore, principally.

March 22, 1949, Friant Dam, Madera-Fresno County lines, at dam site only:
Blue Heron
Lesser scaups - 60&
Coots - 30
Purple Finches

March 22, 1949, Kerckhoff Reservoir, upstream from Friant, on San Joaquin River, on Madera-Fresno Co. lines. Heavy rain at time of visit.
Lesser scaups - 6
Ruddy ducks - 5
Stellar jays
California jays.

Slopes with thin stand of digger pine, and understory brush of manzanita, buckeye, buckbrush, divaricate buckbrush, yerba santa, and at the reservoir edge were willow, alder, hazel, cattail, and sedges.

March 24, 1949, Sacramento Signal Depot. 8 a.m.
Pipits on lawn.

March 25, 1949 - Sacramento - 730 a.m. Cedar Waxwings in elms.

March 25, 1949 - Mills-Fair Oaks, Sacramento Co. 1630-1730.
W. Redtailed Hawks
Marsh Hawks - 4 or 5 pairs over the gravel-barrens. Watched one female or immature male doing loop dives of decreasing height, with complete wing-over at top of loop.
Duck Hawk - one "playing around" with redtailed hawk.
Mourning Doves
Monterey Red-shafted Flicker
Willow Downy Woodpecker
Interior California Jay
Western Robins
Western Meadowlarks - common everywhere, and I flushed one flock of over 300 birds.
California Bicolor Redwings
Brewer Blackbirds
House Finches singing
Sacramento Brown Towhee
Puget Sound White-crowned Sparrows
Golden-crowned Sparrows - flock of 25-30
Modesto Song Sparrow

March 26, 1949, Lake Washington, Yolo Co., ~~east~~ NE of Sacramento. 0930-0945
Clear, warm, calm.
Eared Grebe in nearly full plumage
Pied-billed Grebe - 2
Common Egret - 1
Mallards - 2
Marsh Hawk - F or imm doing looping dives, with wing-overs at top of loop.
Gallinule - 2
Coots - 5
Killdeer
Monterey Red-shafted Flicker
Western Crows
Suisun Long-billed Marsh Wrens singing
Audubon Warbler W. Meadowlark Calif. Bicolor Redwings Brewer Blackbirds
Vesper Sparrows Puget Sound White-crowned Sparrows.

Sacramento River along west side just below Sacramento - 0950-1005
Short-billed Gulls - about 300 in freshly-plowed field. Others seen in other fields.
Tree Swallows
House Wren - pair, one carrying nesting material
W. Mockingbird
Audubon Warblers
Pine Siskins
Common Goldfinches

March 26, 1949, Sacramento River along E side, vicinity of Knights Ferry. 1230-1530.
Clear, calm, and warm.
Common Egrets
Whistling Swans - 17 in field by pool
Mallards - 3
Vultures - 4
Sparrow Hawk
Pheasants - few cocks, but at least 75 others
Mourning Doves
Monterey Red-shafted Flickers common
California Woodpeckers - 3
Nuttall's Woodpecker common - saw at least 6 at one time, and several others. They were working primarily on cottonwood and willow trunks, and several were observed feeding in the top-most branches on the buds of the cottonwoods, which have not yet opened. Communicated with each other, too.
Black Phoebe
Tree Swallows - at least 350-500 per mile of river bank. They are paired, or pairing, and many have selected nest sites in snag limbs of cottonwoods and willows. All were very noisy this afternoon.
Barn Swallows - few
Interior California Jays - very common everywhere
Yellow-billed Magpies even more abundant than the Jays. Many old nests were observed in tall Populus fremontii at heights from 40 feet to 75 or 80.
Western Crows
Plain Titmouse - very noisy
Slender-billed Nuthatches - 3
Pallid Wren-tit
San Joaquin Bewick Wrens
Western Robins
Cedar Waxwings
Lutescent Warblers
Audubon Warblers
Western Meadowlarks
Calif. Bicolor Redwings
Brewer Blackbirds
California Purple Finches
Common Goldfinches feeding in tops of cottonwoods
Sacramento Spotted Towhees
Sacramento Brown Towhees paired
White-crowned Sparrows Golden-crowned Sparrows Oregon Juncos Modesto Song Sparrows.

March 27, 1949, Folsom Dam Site, westside, Sacramento Co. 1430-1700.
Clear, warm, calm.

Vultures
W. Red-tailed Hawks
Cooper Hawk
Sparrow Hawk
Valley Quail - about 3 small coveys
Ring-necked Pheasants
California Woodpeckers - paired, and hanging about tall digger pines.
Willow Downy Woodepeckers
Black Phoebes
Tree Swallows
California Plain Titmouse
Pallid Wren-tit
San Joaquin Bewick Wren
Canyon Wren - in tumbled boulder canyon above dam site.
Robins
Western Bluebirds - paired up, and around digger pines.
Cassin Vireo - one feeding in live oak.
Lutescent Warbler
Audubon Warblers very common all over the area.
W. Meadowlarks
Evening Grosbeaks - 4 flew over low, calling
Green-backed Goldfinch
Sacramento Spotted Towhee paired and in territories
Sacramento Brown Towhee
Nuttall White-crowned Sparrow
Golden-crowned Sparrows
Modesto Song Sparrows.

March 30, 1949, Garden Hiway from Sacto-Sutter Co. line to 1½ mile north. 1030-1035.

Mallard on flood pood
Vultures
Sharp-shinned Hawk
Red-bellied Hawk - pair
Sparrow Hawk
Short-billed Gulls in field
Monterey Red-shafted Flicker
Violet-green Swallows
Tree Swallows
Barn Swallows
Audubon Warblers
Int. Calif. Jay
Yel-billed Magpies
W. Crows
W. Robins
W. Bluebirds
Sacto. Spotted Towhees.

March 30, 1949, Chico-Oroville, Butte Co.1430-1500. Grassy hills. Little brush.

Common Egrets
Vultures
Whistling Swans - 3 in field pond.
Marsh Hawk
Yellow-legs
Band-tailed Pigeons
Barn Swallows
W. Meadowlark
Calif. Bicolor Redwings

March 30, 1949, Morris Ravine Reservoir, 1530, Butte Co.
9 Mallards on about 5 acres of water. Also 1 pair Lesser Scaups.

Mr. Perkins, near Cannon Res., Butte Co. tells me that much use is made of the area in winter by ducks, geese, and swans. Mallards and wood ducks nest in the area.

March 30, 1949, Yankee Hill, Butte Co. 1815. Oak woodland (digger pine, too).
Pheasants - 2 cocks in small meadow area near creek. Surprising to see them here at elevation of about 1400 feet.

March 31, 1949, Vantin Canyon, S. side West Branch Feather R., near Cherokee Bridge.
0630-0700 BUTTE CO.

Mountain Quail
Valley Quail
Boreal Yellow-shafted Flicker
Interior Calif. Jay
W. Crow
Plain Titmouse
Pallid Wren-tit
Varied Thrush

March 31, 1949, Oroville Dam Site, Feather River, 0915-0945, Butte Co.

Black Phoebe
Int. Calif. Jay
Pallid Wren-tit
Dipper
Hutton Vireo
Lutescent Warbler
Calif. Purple Finch
Green-backed Goldfinch
Sacramento Brown Towhee

March 31, 1949, Feather River, N. Fork, Big [illegible] - Yellow Pine, Black Oak, etc.
25-2900' elev. 1130-1215.

Boreal Yellow-shafted Flicker
Blue-fronted Stellar Jay
Interior California Jay
California Creepers singing
Pallid Wren-Tit
W. Robin and Varied Thrush.
Hutton's Vireo calling - pair seen
Pine Siskins feeding on the ground
Sacramento Brown Towhee
Lark Sparrows on hi, open hills
Oregon Juncos.

March 31, 1949, S. Fk, Feather River above Bicknell Bar, Butte Co., in Canyon.
1500-1545

Kingfishers
Canyon Wren
California Bell's Sparrow

Band-tailed Pigeons seen near Nicholaus, Sutter Co.
Willet, also.

LONG TOM RIVER, north of MONROE, and about 1 mile south of Mcfadden's Swamp at bridge. BENTON CO., OREGON

April 2, 1949 9:30 am to 10:15am
Weather: broken high clouds temp 55
Observers: Marshalls& McAllisters
Area covered: Walked from bridge down the river about 1/4 mile to barn on east side. All ducks just north of bridge.

Blue Heron - one south side of bridge.
Canada Goose - Flock of 100 or more flew up from field to the west.
Ring-necked Duck - 3males and 2 females.
Canvasback - 3males and 2 females.
Scaup - 21 males and 14females.
Ring-necked Pheasant - flushed 7
Violet-Green Swallows
Tree Swallows
Oregon Chickadees
Western Meadowlark
House Finch - 10 or more of them around the bridge.
Junco - flock of about 5 at bridge.
Song Sparrows
Kingfisher - Barn owl feathers picked up in barn.
MCFADDEN'S SWAMP, 13 miles SOUTH FO CORVALLIS, BENTON CO., Ore.

April 2, 1949 10:30 to 11:30.
Weather: as above
Observers: as above
Area covered - McAllisters covered area south of road. Marshalls area north of road by walking up to the north field and down the fence to Muddy Cr.
Water level ± 5in. Only isolated puddles in north field. No ducks there.

Blue Heron - At least 4. One lit in the top of an ash tree along Muddy Cr.
Canada Goose - Saw about 400 is all. Two airplanes dusting Hubbard's field at the southeast corner. These kept any geese in the area stirred.
Mallard - About 250 mostly at the north end of the main pond. Tom saw about 100 more south of the road. All aired
Pintail - About 50, mostly males.
Shoveller - About 30 mostly males.
Green-winged Teal - 200, north end of main pond
Ring-necked Pheasant - one cock flushed at edge of swamp from carex.
Wilson's Snipe - Flushed 60 from area 300 feet square in north field.
Yellow-legs - 10 in spike rush at north end of main pond.
Rufous Hummingbird - Tom saw this one.
Violet-Green Swallows
Tree Swallows -
Cliff Swallow - Tom heard one and later we saw one flying around the cabin.
Crows - heard
Robin - Tom saw one.
Audubon Warblers - none in the ash east side of swamp. Tom saw two at south end and we heard one singing along Muddy Cr.
Western Meadowlark - singing.
Red-wings
White-crowned Sparrow - one singing.
Song Sparrow - Three
Got - only about 5
Turkey Vulture - one flew over

D.D. Marshall

April 2, 1949, Sacramento to Cosumnes River, Sacto. Co. 8-845 a.m.
American Egrets
Sparrow Hawks and Vultures
Coots
Willet
Yellow-legs - individuals in flooded fields, or pools.
Yellow-billed Magpies
WesternCrows
California Shrikes on wire lines
English Sparrow
Western Meadowlarks
Calif. Bicolor Redwings
Brewer Blackbirds
Calif. Purple Finches common
Western Savannah Sparrow
Oregon Vesper Sparrow
Lark Sparrows common, singing
White-crowned Sparrows

1131

April 2, 1949, Pardee Reservoir, Mokelumne River, Calaveras Co. side. 930-1015.
Horned Grebe
Pied-billed Grebe
Vultures
W. Red-tailed Hawk
Duck Hawk circling
Coots
Killdeer - nest on open south slope next to 12" chunk of quartz that was flush with the ground. The nest hollow is 3½" across and about 1" deep.
Yellow-legs - at edge of pools in fields.
California Gulls - 2
Roadrunner - one on top of grassy knoll - no brush nearby.
Monterey Red-shafted Flicker
Violet-green Swallow
Tree Swallow
Barn Swallow
Cliff Swallows - at one place on the spillway I had about 500 of them circling close about me, giving alarm note, and I also saw old nests hung on underside of concrete parapet on downstream side of dam.
Western Crows
California Jays
Yellow-billed Magpie
Pallid Wren-tits calling
W. Meadowlarks
Brewer Blackbird
Calif. Purple Finches
Calif. Brown Towhee
Lark Sparrows common, and singing from rim of dam.
Modesto Song Sparrow

1140

Pond between, Pardee Res., and Valley Springs, Calaveras Co. 1020, April 2, 1949.
Pied-billed Grebe
American Egret
Shovellers - 8 M
Lesser Scaups - 1 pair
Bufflehead - 1 full M and 11 others
Ruddy Ducks - 15
Killdeer
Bullfrogs calling.
W. Meadowlarks
Lark Sparrows.

1141

April 2, 1949, Hogan Reservoir, Calaveras R., Calaveras Co. 1045-1200.
Farallon Cormorant - 1
Mallards - 250-mostly paired
Wood Ducks - 2 pairs
Buffleheads - 30&
Ruddy Ducks - 50
American Mergansers - 10
Vultures
Valley Quail - 45&
Ring-necked Pheasants
Killdeer
Yellow-legs
Monterey Red-shafted Flicker
Nuttall Woodpecker - 3 seen in oak woodland.
Violet-green Swallow
Cliff Swallows
Yellow-billed Magpie
Plain Titmouse
Slender-billed Nuthatch
W. Bluebirds - fighting for territories
Audubon Warblers - a few
W. Meadowlarks
Calif. Purple Finches
Calif. Brown Towhee
Oregon Juncos
Modesto Song Sparrows

1142

Nemophila menziesii - very pretty white-centered pale blue petals.
Layia gaillardioides (comp.) yel.center, white border - 1 3-parted strap flowers.

April 4, 1949, Clear Lake, Lake Co. noontime. Calm, clear, warm.
Western Grebes — Coots — Tree Swallows
Pied-billed Grebes — Violet-green Swallows — Brewer Blackbirds

1144

April 4, 1949, Branscomb Reservoir Site area, S. Fork, Eel River, Mendocino Co. 1600-1830 P.S.T.
Vultures — Pileated Woodpeckers — Robin
Kingfisher — Sierra Yellow-bellied Sapsucker — Varied Thrush
Monterey Red-shafted Flicker — Dipper

1145

April 5, 1949, South Fork, Eel River from Leggett Valley, Mendocino County to Dyerville, Humboldt County. 0730-1215 PST. Clear, calm.
American Mergansers - 1 full M and 2 others
Vultures - 2
Osprey flying downstream at Miranda
Rufous Hummingbird
Black Phoebe
Tree Swallow
Cliff Swallow
Blue-fronted Stellar Jay
Ravens
Western Crows
Tawny Brown Creepers singing
Ruddy Wren-tits
Robins
Varied Thrush
Lutescent Warblers singing.-common
Oregon Juncos.

1146

April 5, 1949, Mouth of Eel River, Humboldt County. 1430-1500
Farallon Cormorants — Robins
Sparrow Hawks — W. Meadowlarks
Monterey Red-shafted Flickers — Brewer Blackbirds
Black Phoebe — Puget-Sound White-crowned Sparrows
Chestnut-backed Chickadees — Golden-crowned Sparrows
Mendocino Song Sparrow

1147

April 5, 1949, Humboldt Bay - Eureka, Arcata, Manila, Samoa, etc. 1600-1830.
Eared Grebe — 4 Ovc - stratus, fairly calm, cool.
Western Grebes — 1,000's & 1,000's of shorebirds on bay shore tideflats!
Farallon Cormorants
Great Blue Heron
American Egrets on tide flats
Black-crowned Night Heron in bay flats
Black Brants - 1000's - perhaps 15,000 seen.
Mallards
Baldpates
Pintails
Shovellers - mostly M - full
Lesser Scaups - few
Buffleheads - full M and others
American Golden-eyes
White-winged Scoters - dozens
American Mergansers
Coots
Black-bellied Plovers - many - 50-150 seen
Long-billed Curlers - 15-20
Marbled Godwits
Willets common
Red-backed Sandpipers
Western Sandpipers
Least Sandpipers
Greater Yellow-legs
Pigeon Guillemot - 1
Kingfisher
Violet-green Swallow
Tree Swallow
Barn Swallows
Tule Long-billed Marsh Wren
Northwestern Redwings
Western Meadowlarks
Brewer Blackbirds

1148

April 6, 1949, Confluence S. Fork, with Trinity River, Trinity Co. to Weaverville, Trinity Co. 0700-1030 a.m. Clear, calm, cool.
Tree Swallows — Northwestern California Jay
Blue-fronted Stellar Jays — Lutescent Warblers - singing - common

1149

Vicinity of Lewiston, Trinity River, Trinity County, 1130 a.m.
Sparrow Hawk — Mont. Red-shafted Flicker — Robins — Sacto. Spto Towhee
Mountain Quail — Black Phoebe — Russet-backed/Thrush Modoc Song Sparrow.
singing.

1150

April 6, 1949 E side, Sacto R. Tehama Co., N of Jelly Ferry - 2 p.m.
2 Cormorants, 1 pr American Mergansers 207 Canvasbacks

April 5, 1949. 12-mile Swamp, Benton Co. Oregon. ⅀ THMcA. 13-1700. ⅀ 5" water. clear & warm.

Blue Heron
Canada Goose - 700 in the rye field at the SE Corner
Mallard - 150 pair
Green-winged Teal - 175
Wood Duck - 3 pair in ash along Muddy Creek
Shoveller - 2 pair
Turkey Vulture - 1
Red-tailed Hawk - 1 immature
Virginia rail - call a "wak-wak-wak" as described inPeterson.
Sora Rail - by call, a sharp "keek" as described in Peterson.
Wilson's Snipe - over two-hundred in a 400 ft. sq. area in the north field. This portion still with an inch or two or water in most places. Flew off in several large flocks, gyrating about in the fashion of sandpipers.
Greater Yellowlegs - wading belly-deep on the north end of the swamp - 3
Violet-green Swallows
Tree swallows
Crows - on west side of Muddy Cr. infields
Oregon Chickadee - mating calls
Seattle Wren - 1 singing
Tule Wrens
Robin - 1
Golden-crowned Kinglets - a few in ashes along Muddy Creek
Pipits small flock in north field.
Lutescent Warbler - saw 3
Audubon's Warbler - 3 singing
Yellow-throat - 1 seen and 1 heard singing
Western Meadowlark
NW Redwings - males singing in swamp - flock of 30 in oak tree.
W. Evening Grosbeak - a few calling along Muddy Cr.
Pine Siskins - a few calling along Muddy Cr.
Savannah Sparrow - 8 in north field
Gambel's white-crowned Sparrows - several with flesh-colored bills.
Golden-crowned Sparrow - 3
Rusty Song Sparrow.

Made a circuit of thenorth end, down Muddy Cr., around the north field and up the east side. Marshall and McAllister.

April 8, 1949, Grass Lake, Siskiyou County, Calif. 5200' elev. 430 p.m.

5 Whistling Swans
30-40 Canada Geese
Mallards
Pintails
Coots
Monterey Red-shafted Flickers
Black-billed Magpies
Western Bluebirds

1161

April 8, 1949, Klamath Marshes, N and S of Klamath Falls, Oregon, 5:05-525.
Western Grebes
Pied-billed Grebe
Canada Geese
Mallards
Cinnamon Teal in full M breeding plumage - paired up.
Shovellers - full males and immatures or females
Marsh Hawks
Coots
Western Meadowlarks
Nevada Reawing
Brewer Blackbirds

1162

1245
April 16, 1949, Lake Washington, Yolo Co, W of Sacramento, Calif. 1230-1245 noon
Western Grebe
2 Pied-billed Grebes - 1 acted as if it had nest, but I couldn't locate it.
Blue Heron
Black-crowned Night Heron
Buddy Duck M
Pheasants - pair
1175 coots on oper water
Monterey Red-shafted Flicker
Cliff Swallows
Suisun Long-billed Marsh Wrens - many singing
Pacific Yellowthroats - singing
W. Meadowlarks
Calif. Bicolor Redwings.

1163

April 16, 1949, W. Sacto to Rio Vista, Sacto Co. on west-side road, 1300-1400.
Western Grebes
American Egrets
Farallon Cormorants
Blue Herons
Mallards
Cooper Hawks
Marsh Hawks
Coots
Forester Terns
Black Phoebe
Rough-winged Swallows
Barn Swallows
Western Crows
Suisun Long-billed Marsh Wren
Calif. Bicolor Redwings
Brewer Blackbirds.

(4b

[illegible], 1½ miles south of [illegible], Ohio

April 8, 1949 7:00am to 9:00 am.
Observers : [illegible]
Water level: [illegible]
Weather - Clear, still, temp 50 to 60. Very nice. Quite light out.

We thought we would see the area looked at night and see how it was. Started back at 4 by driving on the levee at the SE tracks to watch the ponds. Then walked along the south side of the main pond to the north field on the [illegible] Field then along the fence line between the north field and to the swamp and up in the trees to the far E NE northEAST [illegible] corner, back across the north field to the main pond. Walked down the main pond through the water a ways and then back to the car. [illegible] We felt that the waterbirds acted no different than if it was in light.

Blue Heron - 11 heard two. Flushed one in the dark from the swamp. Could not see him but heard his wing.
Canada geese - [illegible] 140 in the field west of the north field. From the tower we saw around a 200 geese at about 70 feet this flock and circle around out over the Ohiowette and down the river until out of sight. This was bet en 7:00 and 7:15 EASTERN at dusk. The remainder of the flock stayed and could'nt on on all the time until we left. XX In the rye grass field there was another flock of about 200. The flocks apparently stayed there. With them was one

Snow Goose - see above.
Mallard - By the time we left the tower it was too dark to see any ducks, but we heard several quack all through our stay. In walked down through the main pond, we flushed what we had to be large flocks but could not see them in the dark.
Green-winged Teal - Heard a few call.
Ring-necked Pheasant - Heard a few crows.
Killdeer - Heard some around 7:00
Wilson's Snipe - Flushed snipes from the SE 1/4th of the north field steadily. I would judge there were over 20 of them. We could not see them, but the squeaked and flew up as close it was daylight. We tried using a flashlight to blind some, but it was apparently too bright on account of the moonlight.
Greater Yellow-legs - 20 or more in the old field where the road first turns at the swamp. We watched them until dark, and then came back about 6:30, but could not make noise them by walking around the field.
Western Sandpiper - Flushed about 30 of them about 7:30 at the same place as above.
Horned Lark - The fields were alive with their song between 7 and 7:30. Also a couple in the road.
Yellow-throat - One singing.
Red-wings - Heard them singing [illegible] in the tower.

[illegible] CAMPUS, OHIO [illegible], [illegible]

April 8, 1949 9:00am to 9:30am.

Audubon Warbler - males in summer plumage singing.
Evening Grosbeak - Flock in fire and swamp.
[illegible]
Tree Sparrow - small flock
Cross bill - Heard flock on 11 p. Saw 5 in white cedar next to Thomas's 2 p. 13 same Place Apr. 6
Chipping Sparrow - saw one on lawn
White-crown [illegible] 2 on lawn.

[illegible] Ohio

OAK HILLSIDE, ONE MILE WEST OF MCFAD EN'S SWAMP

April 10, 1949 3:15 to 4:30 pm. Temp 70, clear

Ring-necked Pheasant
Rufous Hummingbird - [illegible]
Crows - only 3 in field to south
[illegible]
Horned Lark - one singing in field at base of hill.
Lutescent Warbler - singing in brush north side of hill
Audubon Warbler - calling in oak
Meadowlark -lots of them singing in fields.
Oregon Towhee- in rosa

MCFAD EN'S SWAMP, CORVALLIS, OREGON

April 10, 1949 5:45pm to 7:30pm
Weather - temp 60. Clear.
Water Level - 4
Walked up between Muddy Creek and main pond to junction main swamp outlet and then around east side of main pond.

Blue Heron - Saw 5 of them at one time.
Canada Goose - Must have been 2,000 of them today flying in small groups low over the swamp northward and some landing in field to east.
Snow Goose - In field on east side of main pond. Could see this one black wing tips and all from hillside above.
Mallard - Around 20 of them.
Pintail - About 50 almost all males.
Green-winged Teal - Around 100 of them
Shoveller - About 6 males.
Wood Duck - Flushed a pair about 4 times. Might have been same pair part of time but feel that there are at least 2 pairs.
Sparrow Hawk - one flying low over the swamp.
Ring-necked Pheasant - one cock in sedge marsh at northwest corner of main pond.
Rail - Call Ker-eek, ker-eek, ker-eek, ker-eek lasting about 1/2 an octave, rather high and harsh. Don't remember which rail call this is. Heard it in ash, sedge, spirea thickets along Muddy Cr. Later heard it in sedge along east edge of main pond.
Coot - Saw only 2.
Wilson's Snipe - In north field. Didn't go out to count them; so flushed only a few.
Greater Yellow-legs - At least 25 which move from here to there.
Mourning Dove - Heard one cooing across the creek.
Tree Swallow - heard some.
Oregon Chickadee - pair
Seattle Wren - singing.
Tule Wren - about 4 singing in sedge marsh NW corner of main pond.
Yellow-throat - Heard in 5 different locations.
Red-wings - no signs of nesting yet. Flocked up around 6:30.
Song Sparrow

D.E. Marshall

OREGON STATE COLLEGE CAMPUS, CORVALLIS, ORE.

April 12, 1949

Crossbill - Still here. Small flock in pine north of Central Hall.

PHILOMATH, BENTON CO., OREGON, On hillside about one mile west of town. Area logged off several many years ago. New doug fir coming up and some second growth.

April 14, 1949 1:30pm to 3:00pm.
Trip with herpetology class for collecting herpetological specimens. Not supposed to be a bird trip.
Weather - Clear. Temp 70.

Sandhill Crane - Will have to give Lyman Roest credit for this one. He spotted them. 100% of them. About 100 of them circling considerable distance up in the air currents. Gave cooing sound like a lot of pigeons. Did not flap their wings. Could see long necks and legs. Ends of wings darker colored. Also seen by Bob Storm. They stayed within our view for several minutes. They constantly circled, but were headed in a northerly direction. Storm thinks they were little-browns. Could be either.
Turkey Vulture - One over the fir timber.
Sooty Grouse - Heard hooting all the time.
Ruffed Grouse - Flushed one from under a doug fir whoose branches reached the ground.
Flicker - one heard calling.
Barn Swallows
Bushtit - Heard calls.
Robin - in grassey meadows
Cassin's Vireo - Heard singing. My first this year.
Lutescent Warbler - Heard singing.
Black-Throated Gray Warbler - My first this year. Heard one singing from firs in two different places.

HIGHWAY BETWEEN PHILOMATH AND CORVALLIS About halfway point

April 14, 1949 3:15pm

Barn Swallow - one perched on telephone line.

D.B. Marshall

McFADDEN'S SWAMP, CORVALLIS, BENTON CO., OREGON

April 16, 1949 9:00 to 10:00 am.
Weather - high fog, temp 60
Water level - 4. Hasn't rained for about 2 weeks.
Viewed north side only from road. Walked south end.

Blue Heron - two in main pond.
Canada Geese - About 5 flew down Muddy Cr.
White-fronted Geese - 5 of them in the water south of the west bridge. Finally flew off to the south.
Mallard - About 100
Pintail - about 25
Green-winged Teal - About 30, scattered in small flocks.
Wood Duck - one or two pairs.
Turkey Vulture - 15 of them perched together in the tall ash about 500 feet south of the road in the swamp. Got quiet close to them before they took off.
Ring-necked Pheasant
Coot - saw only 1 south of the west bridge.
Killdeer - one in along far south pond.
Wilson Snipe - Scattered individuals around the far south pond.
Greater Yellow-legs - They were all over the swamp. We saw around 50. How many were at the north end that we didn't see is anyone's guess.
Violet-Green Swallow
Tree Swallows
Crow
Robin - several in ash south of the barn.
Yellow-throats - around 4 males singing.
Red-wings
White-crowned Sparrow - small flock with golden-crowns of white-crowns and goldenCcrowns in rose bush south of the barn.
Golden-crowned Sparrow - as above
Song Sparrow

Fir-Maple HILLSIDE 3 miles WEST OF McFADDEN'S SWAMP

April 16, 1949 10:30 to 11:30am
Weather as above

Red-tail - one circling north side of hill.
Sooty Grouse - hooting
Flicker - pair courting.
Pileated Woodpecker - rattled.
Steller's Jay - called
Chest-nut-backed Chickadee - Small flock in north side of hill in maples where most of the warblers were listed below.
Red-breasted Nuthatch - same place.
House - Wren - 2 or 3 singing on hillside mentioned above. Hillside is rather open. Maples are scattered. Fir logged off some time ago.
Golden-crowned Kinglet - same place, calling.
Hutton's Vireo - singing same place. Where fir and maple met.
Lutescent Warbler - Saw several at this location, but heard others at scattered locations.

See next page.

Audubon Warbler - singing.
Black-throated Gray Warbler - in fir. Heard singing in several locations.
Townsend's Warbler - A beautiful male working over a maple. Also singing.
MacGillivray's Warbler - saw a male at edge of maple and fir. Later sang. appeared when I gave a screech owl call. First this year.
Evening Grosbeak - flock Flock of about 10. Think they are working the maples.
Purple Finch - Singing several different locations.
Pine Siskin - small flock.
Ore. Towhee - in brush south side of hill.
Junco - Pair at edge of fir and maple.

MCFADDEN'S SWAMP, in addition to 9 to 10am trip.

At 1:30pm April 16, 1949

White-fronted Geese - Same place again and again seen at 5:00.
Shoveller - one male seen.
Hooded Merganser - one adult male and one in female plumage together at west edge of main pond near the bridge. Watched this pair for several minutes.
Cassin's Vireo - singing along creek.

HILL 2 MILES WEST OF MCFADDEN'S SWAMP or about 3 miles west of BRUCE

April 16, 1949 2:45 to 5:00 pm.
Weather - clear. Temp. 70.
Trip consisted of walk in search of herpetological specimens and habitat. Started at abandoned farm house and proceeded north over the hill which runns in a east west direction north of the road. The north side of this hill covered with dence growth of fir and maple. At bottom is a creek surrounded by beaver ponds, and skunk cabbage bogs with many springs. Vegitation around this bog besides skunk cabbage is sedge, alder, ash, a little cottonwood. Bog runs along the creek. This creek feeds the swamp which lies a out a mile west of McFadden's swamp. Walked down the creek about a mile. Then turned to the south back uphill to the top of a oak topped hillside and back by car.

Turkey Vulture - several circling over the creek.
Red-tail - one flew out of a high fir.
Sooty Grouse - hooting here and there.
Ruffed Grouse - Flushed one along the creek.
Ring-necked Pheasant - in fields along the road.
Mourning Dove - Cooing on open hillside
Pileated Woodpecker - one rattled.
Gairdner Woodpecker - one rattled from ash along creek.
Steller's Jay - saw one in fir.
Calif. Jay - one called from oak thicket.
Ore. Chickadee - calling from maple covered hillside.
Red-breasted Nuthatch - yanking.
Winter Wren - singing from dence fir-maple woods.
Seattel Wren - in the bog in ash.
Golden-crowned Kinglet
Hutton Vireo - singing at edge of fir
Cassin's Vireo - singing.
Lutescent Warbler - lots of them. in rose too.
Audubon Warbler - singing.

continued next page.

Black-throated Gray - Warbler - Singing from firs.
MacGillivray Warbler - singing.
W. Meadowlark - singing from fields along road.
Evening Grosbeak - flock of 8.
Purplse Finch - sing from top if fir.
Oreg. Towhee - one in rose thicket.
Vesper Sparrow - About 2 singing from fields.
White-crowned Sparrow " " "
Song Sparrow - along the creek.

E.E. Marshall

MCFARREN'S SWAMP, MARYLAND COUNTY

April 17, 1949 2:45pm to 4:30pm
Weather - Low clouds. Temp 50. Water level 4
Walked Drove down dike road and back. Then walked up to north field and back along east side of main pond.

Blue Heron - three or 4 in the swamp.
Canada Goose - 37 were flushed by an airplane and headed north.
White-fronted Goose - the 5 still there in the same place as yesterday.
Mallard - Saw about 200
Pintail - Only a few left. Saw about 8.
Green-winged Teal - A couple of flocks of about 40 each and a few scattered individuals and pairs.
Shoveller - 3 males.
Hooded Merganser - Could make out a male from the bridge at the ~~XXX~~ south end near the white-fronted geese.
Turkey Vulture - one flew over the south end.
Cooper Hawk - One dove ~~XXXXXXXXXX~~ at and flushed the shorebirds mentioned below.
Marsh Hawk - one male.
Killdeer - one in flooded field at first turn in road.
Wilson's Snipe - Scattered individuals all along the main pond.
Spotted Sandpiper - one near the killdeer.
Greater Yellow-legs - Small flocks scattered throughout the swamp. Probably saw about 40.
Red-backed Sandpiper - Flock of 75 working over mud around flooded field at first turn in road. Black bellies very conspicuous. Were once flushed by the cooper's hawk, but came back. Later a flock of about 10 returned. In with the red-backs were about 25 smaller sandpipers, probably westerns.
Western Sandpiper - maybe. See above. Couldn't see the color of their legs or bill size, but from their size I would say they weren't leasts. Considerably smaller than the red-backs, however.
Violet-Green Swallows - Saw about 50 over the area. In with them were a few
Tree Swallows
Crow - heard one cawing.
Cassin Vireo - singing along Muddy Cr.
Red-wings.
Ore. Towhee - one along the dike road.
Savannah Sparrow - Flushed one from a sedge clump.
White-crowned Sparrow - one at the first turn in the road.
Song Sparrows.

D. S. Marshall

April 19, 1949, Branscomb Res. area, S. Fork, Eel R., Mendocino Co.

Vultures Blue-fronted Stellar Jay W. Crows Cassin Vireos Hermit Thrush

April 20, 1949, Humboldt Bay, Eureka to Arcata, Humboldt Co. 0745-0815

Blue Heron
American Egrets
Black Brant
Mallards
Pintails
Green-winged Teal - 100's
Shovellers
Godwits
Willets
Western Sandpipers
Red-backed Sandpipers
Least Sandpipers
At least a million shorebirds along this stretch of the bay !

Tree Swallows Barn Swallows Cliff Swallows Raven Ruddy Wren-tit NW Redwing
Brewer Blackbirds Pine Siskins Mendocino Song Sparrows

April 20, 1949, Blue Lake to Willow Creek, Humboldt Co.

Blue Heron in mountain canyon - [illegible] nested
NW ~~Monterey~~ Red-shafted Flicker
Pileated Woodpecker
Blue-fronted Stellar Jay
Ruddy Wren-tit
Rufous Hummingbirds
Winter Wren
Hutton Vireo
Cassin Vireo
Lutescent Warbler
Yellow Warbler
Townsend Warbler
W. Meadowlark on hi open ridges
Mendocino Song Sparrow

April 20, 1949, Weaverville, Trinity County. 1130 a.m.

Pileated Woodpecker California Woodpecker Tawny Brown Creeper Lutescent Warbler.

Red Bluff, Tehama

April 20, 1949, Redding, Shasta Co to ~~Chico, Butte~~ Co. 1530-1600

California Woodpeckers - courting
Western Kingbirds - very common east of Red Bluff.

April 20, 1949, Vina, Tehama Co.

Pheasants
Mourning Doves
Black Phoebe
Yellow-billed Magpies
California Shrikes
W. Meadowlarks
Calif. Purple Finch
White-crowned Sparrows.

April 21, 1949, Oroville, Butte Co. 7-730 a.m.

California Woodpecker
Tree Swallows
Cliff Swallows
Interior California Jay
English Sparrows
California Purple Finches
American Goldfinches

April 21, 1949, Bidwell Bar, S. Fork, Feather R., Butte Co. 830-845 a.m.

Vultures
Redtail Hawk
California Woodpecker
Black Phoebe
Tree Swallows
Barn Swallows
Cliff Swallows
Interior California Jay - 15-20 flying north across canyon
Raven
Pallid Wren-tit
San Joaquin Bewick Wren
Lutescent Warbler
Yellow Warblers
California Purple Finches
Black-headed Grosbeak male singing in cottonwood
Sacto Spotted Towhee
Calif. Brown Towhee

April 21, 1949, Lake Madrone, Berry Creek, Butte Co.

Wood Duck - 3 M and 1 F
Coots
Mourning Doves
Barn Swallows
W. Robin
Cassin Vireo
Yellow Warbler
Black-throated Gray Warbler
Sacto Spotted Towhee
Modoc Song Sparrow

April 21, 1949, S. Fork, Feather River, Butte Co.

Valley Quail - 6 Western Kingbirds - 6 chasing each other around. Plain Titmice
Vultures Yellow Warbler MacGillivray Warbler Lark Sparrows Warbling Vireo
Lutescent Warbler Blue-fronted Stellar Jay Hutton Vireo

[illegible]'s [illegible], [illegible], [illegible]

April 21, 1949 1:45pm
Weather - cloudy. misting.
Just passed by swamp and stopped on bridge.

Blue Heron
Canada Goose - 150 flew over. Didn't stop.
Mallard - could only see about 10 from the road.
Yellow-legs, Greater
Wilson Snipe
Red-backed Sandpiper - one with several westerns in flooded field at first turn in road.
Western Sandpiper - as above.
Violet-Green Swallow - swallows everywhere. Must have been 200 over the swamp area.
Tree Swallow
Cliff Swallows

[illegible] OF [illegible]'s [illegible] same day

Ring-necked Pheasant
Crow - several small.
Horned Lark - singing. several heard in one stop.
Robin - one along the fence row.
W. Meadowlarks
Savannah Sparrow - several along the fence perched on the wires.
Golden-crowned Sparrow - one on fence row. Might have been more.
Song Sparrows

AREA TWO MILES WEST OF [illegible] including oak hillside, cat-tail marsh, beaver pond and maple fir forest on hill.

April 21, 49 2:00 to 5:00pm
Weather - cloudy with intermittent misting.

Mallard - two drakes flew up out of the cat-tail marsh.
Red-tail - pair circling over rock quarry.
Sooty Grouse - hooting.
Ruffed Grouse - Sooty spotted one perched about 10 feet off ground in top of dead snag.
Ring-necked Pheasant - around the cattail marsh.
Band-tailed Pigeon - Two perched in oak above rock quarry.
Rufous Hummingbird
Pileated Woodpecker - one rattled from firs.
Red-breasted Sapsucker - one calling from maple above the rock quarry. Didn't know what it was and had to look it up.
Violet-Green Swallows over the cattail marsh.
Purple Martin - One over cattail marsh calling.
Bushtit - one [illegible] in spirea cattail marsh.
Slender-billed Nuthatch - one in oak above quarry.
Winter Wren - in firs.
Seattle Wren - along creek at beaver pond.
Robin
Cassin's Vireo - singing.
Lutescent Warbler - singing everywhere.
Yellow-throat - at beaver pond and cat-tail marsh and also around.

Redwing at beaver pond + cattail marsh
Evening Grosbeak - in fir, maple woods
Purple Finch - singing

Red Crossbill - small flock flew over. Also a couple today
D.C. Cormorant - 1 near rock quarry
Long Cormorant.

April 21, 1949, Lake Wyandotte, Butte Co. 1 p.m.
Mallards - 2 Vulture Osprey perched on snag Coots - 2

Yuba Co.

April 21, 1949, Bangor to Marysville/1350-1415,

Blue Heron	Valley Quail	Least Sandpipers	Bullock Oriole
American Egrets	Coots	Western Kingbirds	Western Vesper S.
Mallards	Killdeer	Barn Swallows	Lark Sparrows.
Baldptaes	Western Sandpiper	W. Crows	
Vultures	Red-backed Sandpipers	Yellow-headed Blackbirds	

April 23, 1949, Grey Lodge Refuge, SW Butte Co., 11-1330.
Pied-billed Grebe - 4
Farallon Cormorant - 1
White Pelicans - 5
Blue Heron - 40
American Egret - 200
Snowy Egret - 8
Mallards - 150 pairs - 1 hen on nest of 8 eggs within 2½ feet of passing cars on gravel county road leading into the refuge.
Gadwalls - 3 pair
Pintail - 1 male
Green-winged Teal - 7
Cinnamon Teal - 125 pairs
Baldpates - 2 pair
Vultures - 7
Cooper Hawk - 1
Marsh Hawk - 4
Pheasants - 1500&
Gallinule - 1
Coots - 40
Killdeer - 12 seen
Least Sandpiper - 50
Western Sandpiper - 6
Black-necked Stilt - 4
Avocets - 50& - feed by walking forward, sideswiping bill as they go.
Mourning Doves - 8 pair
Burrowing Owls - pair at nest hole near gate to refuge
Western Kingbirds - 40 pair
Barn Swallows - 4
Suisun Long-billed Marsh Wren - 100's
Robin - 1
Russet-backed Thrush - 1
Pipits - 25
California Shrike - 4
Pacific Yellow-throat - 3
W. Meadowlark - 150
California Bicolor Redwing - 350
Bullock Oriole - 3
Brewer Blackbirds - 75
Green-backed Goldfinches - 7
Western Savannah Sparrows 2
Modesto Song Sparrow - 18&

April 23, 1949, Marysville, Yuba C o. 3 p. m.
Flickers - none seen all day, anywhere
Rough-winged Swallows, Barn Swallows, and Cliff Swallows
Yellow-billed Magpies
Evening Grosbeaks
California Purple Finches.

SKUNK CREEK, BRANCH OF OAK CREEK, Several miles northwest of CORVALLIS, BENTON CO., OREGON

April 23, 1949 9:30am to 12:30pm.
Weather - clear

Canada Goose - Flock of 200 going north.
Rufous Hummingbird
Ruffed Grouse - Watched one for about a minute sneak into the brush from a recently burnt out blackberry thicket
Raven - calling from nearby field.
Harris Woodpecker - calling from maple
Violeg-Green Swallow - overhead
Oregon Chickadee - giving mating whistles from cottonwood along creek
Bushtit - calling.
Seattle Wren
House Wren - singing from farmyard.
Calaveras Warbler - Heard a familiar song from the fremont, which I thought might be a calaveras warbler. Sure enough, one was discovered singing from a big maple tree. Later traced down another song which turned out to be another calaveras singing a different song. The latter song was similar to the lazuli bunting song. The former something like an Audubon Warbler. The first one sang for an hour, stopped for about a half hour at 10:30 and began again at 11:00 and continued often on until we left.
Black-throated Gray Warbler - Quite a few of them heard singing. Saw only one.
MacGillivray Warbler - singing from brush.
Cassin Vireo - singing. Two in one tree.
Hutton Vireo - heard singing.
Pine Siskin
Purple Finch
Chipping Sparrow
Vesper Sparrow - from fields.
Ore. Junco - singing.
Towhee -
White-crowned Sparrow - singing.
Song Sparrows

April 24, 1949, Franklin Ranch Sloughs, E of Cortland, Sacramento Co. 1200-1430.
at Glann, 121°30'12"W + 38°18'45"N (See Verden Quad, USGS. — This slough area is the SE end of what used to be "Stone Lake"

White Pelicans - 3 in area - 1 with breeding "horn"
Farallon Cormorants - 2
Blue Herons - 25
American Egrets - 30
Snowy Egret - 1
Bittern - 1
Black-crowned Night Heron - 2
Mallards - about 10, paired.
Vulture
Swainson Hawk - pair with newly constructed nest in willow about 25' over slough.
Marsh Hawk
Sparrow Hawk
Valley Quail
Pheasants
Virginia Rail - 1 heard
Coots - about 75 seen
Gallinule - 2
Killdeer
Red-backed Sanapipers - 5
Ring-billed Gulls - 3
Caspian Tern - 1 over main slough. large, shallow-forked tail, red bill
Mourning Doves
Kingfisher
Monterey Red-shafted Flicker
Willow Downy Woodpecker - nest in 14' cottonwood snag at 11' on SW side.
Nuttall Woodpecker - 4 seen
Western Kingbird - 2
Black Phoebe
Ash-throated Flycatchers - 2 pair - I "chatted" with them and brought them in close. They were along railroad, in willows and cottonwoods bordering the sloughs.
Violet-green Swallows
Tree Swallows nesting at varying heights in willow snags.
Rough-winged Swallows
Barn Swallows
Cliff Swallows
Interior California Jays
Western Crows - several pairs. One nest at 20' in unleafed willow, near slough. Bird on the nest
?? Bush Tits - quite rusty-headed
San Joaquin Bewick Wren
Suisun Long-billed Marsh Wren
Robin
California Shrike
Audubon Warbler
Yellow Warbler
Pacific Yellowthroats
W. Meadowlarks
Calif. Bicolor Redwings
Brewer Blackbirds
Black-headed Grosbeaks - 4 pairs, only 1 male sang.
Calif. Purple Finch
Common Goldfinches - paired
Sacramento Spotted Towhees
Golden-crowned Sparrows - several pair Only one heard calling
Modesto Song Sparrow

April 24, 1949, Lake Washington, Yolo Co., W of Sacramento, 1535-1550.
White-tailed Kite hovering over alfalfa field
Coots - 87 seen
Forester's Tern - 3
Tree Swallows
Barn Swallows
Suisun Long-billed Marsh Wren
Pacific Yellowthroats
Calif. Bicolor Redwings
Lark Sparrows
Modesto Song Sparrow

BEAVER POND AREA, 3 miles west of BRUCE, BENTON CO., OREGON

April 26, 1949 2:00 to 3:20pm
Weather - clear and warm
With Doc Gordon

Mallard - one pair flushed at southeast corner of pond along with a pair of
Wood Ducks
Ring-necked Pheasant - around the rock quary area.
Mourning Dove - cooing at rock quary.
Oregon Chickadee - near rock quary.
Bushtit - on way into pond. pair working over brush.
Cassin's Vireo - singing.
Orange-crowned Warbler - singing here and there.
Yellow Warbler - A couple singing around the beaver pond several songs. Doc Gordon squeeked one within view. This bird still hasn't reached the campus. Haven't seen it anywhere but here.
Black-throated Gray Warbler - saw one in the fir and brush.
Pileolated Warbler - Doc squeeked one of these in sight. It was not heard singing. In willow at beaver pond.
Western Meadowlark - around the rock quary.
Red-wing - pair at beaver pond.
Evening Grosbeak - near beaver pond.
Ore. Towhee
Vesper Sparrow - around the quary.
Song Sparrow

The beaver pond is about 3 miles west of Bruce, and about 1/4 mile west of the rock quary. It is southwest of the cattail marsh, on the Failing estate. On the south side it is boardered with oak-fir woods, on the north side by cultivated fields and on the east and west sides by ash and swampy creek area. The pond is deep so that very little vegitation grows ~~XXXXXXXXXX~~nit, and then only at the edges. It appears to have been man built, and a high dam now~~X~~ grown over with ~~XXXXXXX~~ willow and blackberry holds up the water about 8 feet above the creek flowing from it. The pond is about 1/2 acre in area. Its east boarder consists of the dam. The dam is supplemented by a high beaver dam at ~~XXXXXXXXXXXXXXXXXXXX~~ the southeast corner. Quite a few willows boarder the pond. Some spike rush is present. In the creek bottm feeding it is sedge and spirea along with the ash.

Fred

BEAVER POND AREA, 3 miles west of BRUSH, BENTON CO., ORE.

April 29, 1949 11:00am to 2:30pm
With Bob Storm
Weather - Broken clouds.

Pied-billed Grebe - calling on beaver pond.
Wood Duck - pair on pond.
Turkey Vulture - Was eating fish sandwich when about 6 vultures suddenly appeared. They circled around us and left.
Red-tail - pair over logged off land northwest of pond.
Sooty Grouse - hooting.
Ruffed Grouse - Didn't know I had been hearing ruffed grouse drumming out here right along. Had always thought it was atractor or donkey engine in the distance. Storm called me attention to it.
Ring-necked Pheasant - around the rock quary.
Band-tailed Pigeon - around the rock quary.
Vaux Swift - First saw them over the logged off areas. Then near the rock quary.
Red-breasted Sapsucker - pair in logged off area around old snag. might have a nest there.
Horned Lark - near the rock quary in the fields.
Violet-Green Swallows
Tree Swallow
Cliff Swallow - By far the most numerous swallow. Around 100 over Beaver Pond.
Purple Martin - Heard near Beaver pond.
Steller's Jay - calling.
Crow - several in fields around rock quary.
Ore. Chickadee - in ash along creek.
Chestnut-backed Chickadee - at edge of logged off area.
Bushtit - Near beaver pond. Fair
Red-breasted Nuthatch - yanking from timber.
House Wren - Singing in logged off area.
Seattle Wren - in ash along creek.
Hutton's Vireo - heard at edge of logged off area.
Cassin's Vireo - singing at Various locations.
Lutescent Warbler - " " " "
Yellow Warbler - Singing around Beaver pond. Still haven't heard any yellow warblers anywhere but here. Storm says he saw one in town the other day however.
Black-throated Gray Warbler - singing in fir.
Townsend's Warbler - in grand fir at edge of logged off land.
MacGillivray Warbler - in brush at edge of maples near quary.
Yellow-throat
Pileolated Warbler - In vine maple at edge of logged off area.
W. Meadowlark - in fields around quary.
Red-wing - at beaver pond.
Purple Finch - singing.
Pine Siskin - in first overhead.
Ore. Towhee
Vesper Sparrow - in fields north of beaver pond.
Chipping Sparrow " " " " " "
Song Sparrow - three young in nest in rose bush at quary. Young appear about ready to leave nest.

BEAVER POND AREA, 3 miles west of BRUCE, BENTO CO., ORE.

Includes fields around rock quarry, timber along north side of butte west of rock quarry, beaver pond, creek bottom leading into beaver pond, logged off land northwest of quarry beaver pond, fields north of beaver pond and cattail marsh north of rock quarry. Trip for Natural History Club's annual bird count.

April 30, 1949 4:30am to 9:15am
Weather - Freezing and some fog at start. High fog later, leading to rain about 10:00am.

Pied-billed Grebe - Saw one on Beaver Pond. Gives very loud coo-coo like notes.
Blue Heron - Flushed one from stream bottom above pond.
Mallard - Saw two fly past rock quarry at 4:30pm.
Wood Duck - Two males and two females together playing about in fog on Beaver Pond about 5:00am. They didn't pay any attention to me.
Red-tail Pair over logged off area.
Sooty Grouse - hooting. Only heard one.
Ruffed Grouse - Drumming all along ash-willow-alder-cottonwood stream bottom along creek. Flushed two.
Ring-necked Pheasant - wherever fields were present.
Wilson's Snipe - Winnowing over the cattail marsh.
Band-tailed Pigeon - About 15 perched in oak at quarry.
Mourning Dove - at quarry.
Horned Owl - Hooting at 5:20am from oak hillside northwest of Beaver pond.
Vaux Sift - Three flying about with swallows at cat-tail marsh.
Rufous Hummingbird - in vine maple at edge of creek bottom.
Pileated Woodpecker - Saw one fly over the creek bottom and lite in a fir.
Red-breasted Sapsucker - Pair around snag in logged off area. Same place as yesterday.
Harris Woodpecker - In logged off area.
Gairdner Woodpecker - along creek bottom.
Traill's Flycatcher - First heard one at edge of logged off area in brush along stream bottom. Later got one just west of Beaver Pond. My first this year.
Western Flycatcher - First heard one at edge of stream bottom in firs. Later saw one at edge of fir about 1 mile west of Beaver pond.
Horned Lark - Singing around quarry.
Violet-Green Swallow - over Beaver Pond.
Tree Swallow - Beaver Pond and cattail marsh.
Cliff Swallow - Several hundred over cat-tail marsh.
Steller's Jay - at edge of logged off area.
Crow - several around quarry.
Oregon Chickadee - Along stream bottom and in willow west of quarry.
Chestnut-backed Chickadee - At edge of logged off area.
Red-breasted Nuthatch - one yanking.
House Wren - Colony in logged off area.
Winter Wren - one singing.
Seattel Wren - along stream bottom.
Robin - near quarry.
Cassin's Vireo - singing everywhere.
Warbling Vireo - One singing from creek bottomland. First one this yr.
Lutescent Warbler - lots of them.
Yellow Warbler - singing around Beaver Pond and Cat-tail marsh.
Audubon Warbler - Only one. singing from maples southwest of pond.

continued next page

Black-throated Gray Warbler - heard singing often on.
Townsend's Warbler - singing, several, from grand fir clump.
MacGillivray's Warbler - along edge of maple west of quarry.
Yellow-throat - singing along stream bottom, cattail marsh.
Pileolated Warbler - singing from vine maple between logged off area and stream bottom. XXXXX on both sides of stream bottom.
W. Meadowlark - around quarry and north of beaver pond.
Red-wing - Cattail [illegible] beaver pond.
Western Tanager - Tit-a-dick calling from fir. My first this year.
Black-headed Grosbeak - one XXcalling from vine maple. Watched another sing from oak at edge of oak woodland northwest of beaver pond. My first this year.
Evening Grosbeak - Flock flew over beaver pond.
Purple Finch - singing from fir. Heard several times.
Pine Siskin - over XXXX grand fir.
Goldfinch (willow), Flying over bottoms.
Crossbill - Flock of 15 working over logged off area. In scattered firs that were left.
Ore. Towhee - in brush west of quarry.
Vesper Sparrow - in field north of beaver pond.
Ore. Junco - at edge of fir east of pond.
Chipping Sparrow - in fields and oak northwest of beaver pond.
Savannah Sparrow - along road south of quarry.
White-crowned Sparrow " " " " "
Song Sparrow - young still in nest at quarry.

[illegible]'s Marsh, 1 mile west of [illegible], M.[illegible] Co., Ill.

April 30, 1949 9:35am to 2:30pm.
Weather - Raining. Temp. about 60
Water level - 4.

Blue Heron - two around swamp
Bittern - One flew over road at bridge while we were eating lunch.
Canada Goose - In the time we were at the swamp there was noted nine flocks of geese migrating. They came over increasing the time we were present. Flocks consisted of following numbers: 25, 200, 200, 250, 300, 120, 250, 60, 50. Total: 1255. None of these birds stopped. There were, however, 7 canadas at the far south end of the swamp.
Snow Goose ?, am puzzled about this one. Don't know for sure if it was a snow goose, large white geese, pink bill, white gray, frayed and in a very poor condition. Looked as though they might have been clipped. Bird came by reserver. This bird looked a little large for a snow goose, constantly gave a high pitched honk. Bird would allow me to get up to about 200 feet of him. Was it a snow goose immature going into adult plumage or something that escaped from someone's barn-yard.
Mallard - around 150 still at the swamp.
Pintail - saw one male.
Green-winged Teal - small flocks scattered over the swamp. The pop. probably totaled about 75.
Shoveller - one male seen.
Wood Duck - a couple of pairs seen.
Turkey Vulture - one at south end of swamp.
Ring-necked Pheasant - 2 cocks and 1 hen, field east of swamp

next page

Virginia Rail - calling (keek) at east edge of main pond in spirea.
Sora - If Heard the ker-eek, ker-eek calling which decends in pitch. Was at west edge of main pond along Muddy Cr.
Killdeer - in mud at bend in road. No shorebirds here today at all, that is in the mud here.
Wilson's Snipe - flushed a few here and there. One perched on a fence post. One winnowing.
Greater Yellow-legs - about 40 left.
Western Sandpiper - three flying about the swamp.
Mourning Dove - perched in ash near barn.
Belted Kingfisher - in ash near bridge over swamp.
Violet-Green Swallow - quite a few over swamp
Tree Swallow - quite a few over swamp.
Barn Swallow - one over swamp.
Cliff Swallow - must have been several hundred over swamp. Far more than any others of the swallows. Around 50 would perched in one dead ash that was only 4 feet high.
Marsh Wren - in sedge marsh northwest corner of main pond.
Robin - pair round the barn.
Cassin's Vireo - one skinging along Muddy Cr.
Yellow Warbler - " " " " "
Audubon Warbler - one called from ash at south end.
Black-throated Gray Warbler - one singing along Muddy Cr.
Yellow-throat -
Pileolated Warbler - one singing from willows at north end of main pond.
W. Meadowlark
Red-wings
Brewer's Blackbrid - at store on highway.
Willow Goldfinch
Towhee
Savannah Sparrow - one flew out of sedge at east edge of main pond.
Chipping Sparrow
Golden-crowned Sparrow - one or two in rose just south of barn.
Song Sparrow

COUNTERCLOCKWISE AROUND MT. SCOTT, FROM THE CITY.

April 30, 49 2:45 to 3:45. Raining.

Additional Birds for day only.

Sparrow Hawk - one
Valley Quail - in brush along road.

FOR WOODS ABOUT STAY ABOUT 4 miles.

April 30, 49 5:00 to 5:15pm Raining.

Screech Owl - whistling in rain. From oaks and madrona.
Valley Quail - 5 along road opposite quarry.
Golden-crowned Kinglet - calling in firs.
MacGillivray Warbler - calling from brush.
Ore. Towhee

[illegible], [illegible], [illegible].

April [illegible], 1949 [illegible]pm
[illegible] - [illegible]

Oregon Chickadee
Slender-billed Nuthatch - calling from oak

[illegible] [illegible] [illegible] [illegible] [illegible] [illegible].

April 30, 1949 6:45 to 7:00pm

Violet-green Swallow - [illegible] and 100 flying about over the river and perched on wire.
Rough-winged Swallow - two.

81 species for the day not including the Snow geese, but including an English Sparrow Betty saw at the gas station before coming out.

April 30, 1949, Lake Washington, Yolo Co, W of Sacramento - 9-945 a.m.

3 pair Farallon Cormorants
Great Blue Heron
Mallard - pair with a female
Ruddy Duck
Marsh Hawk doing love-dives
Sparrow Hawk
Pheasant hen on nest in "broadleaf-mottled-thistle" area, which had been trampled down by a truck, so the nest was fully exposed to the south, whence I viewed it. The first time I came within 3 feet and she didn't flush, but when I came in with a camera to 3' she flushed. I took a pic of 12 eggs, very fresh-looking.
Coots
Tree Swallows
Barn Swallows
Western Crows
Suisun Long-billed Marsh Wrens
Yellow-headed Blackbirds - 1st I have seen. They have moved in since my last visit - about 6 pair seen. In cattail areas, in deeper water, only.
Calif. Bicolor Redwings - very common
Western Grasshopper Sparrows - saw 4 pairs in dense herbaceous vegetation at edge of alfalfa fields along west side of lake. (Ammodramus savannarum).

Calif. Interior Ja. - pair have rested in vine at 12 feet on south side of Judd's house at 2228-3rd Avenue. Nest against the house, but built in the vine. Very well-sheltered by the leaves of the vine. This part of house shaded by large white oak over the house. Each time I looked, a parent was on the nest, even in the afternoon. The other adult came to the nest, and fed the brooding adult. No noises were made. Then the brooding bird saw me and left in a hurry, tumbling very naked, still-blind, young about in the nest. One ended up up-side-down on the rim of the nest. Atthis moment, the adult that had been feeding the brooding adult just"froze"at the edge of the nest, and made no movements for quite some time. There seem to be 4 young in the nest, al-though I can not be certainfrom the view I had.

May 1, 1949, Natomas, Sacramento Co. 8-9 a.m.
Blue Heron
American Egret
Rufous Hummingbird
California Woodpecker - nest in [illegible]-head, topped eucalyptus at 55' on east side. Open area to the east. This species sensitive to horn.
Willow Downy Woodpecker - nest hole at 15 feet on west side of dead alder - just straggling pieces of bark on grayish wood. Hole under slight projection, so that when adult inside pokes head out of hole, it isn't noticeable.
Black Phoebe
Barn Swallow
California Plain Titmouse
San Joaquin Bewick Wren
Hutton Vireo
Western Bluebirds

Yellow Warbler
Long-tailed Chats - very common - several calling, and I "bantered"with one for a few minutes.
Brewer Blackbirds
Common Goldfinches
Green-backed Goldfinches
Spotted Towhees
Calif. Brown Towhees

May 5, 1949, Garden Hiway, Sacramento to Nicholaus, Sutter Co. 745-825 a.m.
Blue Heron
American Egret
Mallards
Vulture
Sharp-shinned Hawk
Red-bellied Hawk
Sparrow Hawk
Pheasants
Valley Quail
Coots
Killdeer
Black Terns - 1st of year
Mourning Doves
Kingfisher
Monterey Red-shafted Flicker
California Woodpeckers
Western Kingbirds
Black Phoebe
Violet-green Swallows
Tree Swallows
Rough-winged Swallows
Barn Swallows
Cliff Swallows
Interior California Jay
Yellow-billed Magpies
W. Crows
Plain Titmouse
Robins
California Shrike
W. Meadowlark
Calif. Bicolored Redwings
Bullock's Oriole
Brewer Blackbirds
Calif. Purple Finches
Common Goldfinches
Sacramento Spotted Towhee
Calif. Brown Towhees

May 5, 1949

Gray Lodge State Refuge, SW Butte Co., California, 930-1030 a.m. Clear and warm. In contrast to past years, almost all the water areas are being drained this year so that cattails and bulrush may be plowed under, and dikes and control gates may be repaired. There are few waterfowl in the area. Drying mud flats are in evidence.

Pied-billed Grebe
Farallon Cormorants
White Pelicans - at least 50 seen. up to 30 in the air at one time. All were in full adult plumage, and about 25 possed the breeding "horn" on the upper bill. John Cowan, Mgr., was surprised when I suggested they might be nesting at the refuge. They were present all last summer, but he thought they were immatures. He will keep his eye open this year.
Blue Herons
American Egrets
Snowy Egrets - very few
American Bittern
Black-crowned Night Herons
Cackling Geese - 25 flew over. They usually leave by now, with stragglers present until about May 15 according to Cowan and Cloyd.
Mallards - The nest at the edge of the gravel road seen last time had hatched out. John Cowan told me only 5 successfully left the nest. There had been 8 eggs.
Pintail
Cinnamon Teal -
Vultures common
Marsh Hawks
Sparrow Hawks
Pheasants - 100's and 100's
Coots - few
Killdeer - 3 nests in gravel roads about the refuge. 3, 4, and 4 eggs.
Avocet - one small patch of "salt grass" where alkali concentrates were on top of the soil on this flat area contained 2 avocet and 1 stilt nest. The adults were on the nests in plain view of us, just 30-50 feet from the car. The nests were always in the open, without protection of any vegetation more than 2" & high. Found 3 avocet nests - all contained 4 eggs. The eggs were strongly tapered at one end, a gray-green color, with darker blotching. They were larger than the stilt eggs, and a lighter base color, as well. I took one pic.
Black-necked Stilt - Only saw one nest, containing 4 eggs. It was with 2 of the avocet nests mentioned above. Nests were about 15 feet apart. The stilt eggs were the same shape as the avocets, but slightly smaller, and the gray-green color was much darker than the avocet eggs, and the blotching was much the same.
Black Terns - common wherever the fields are being flooded for rice-growing, etc. About 10 days ago I was up through this same area, but not a tern was seen. John says they just arrived during the past few days, evidently working their way northward.
Mourning Doves - nest in locust at 8½ feet.
Burrowing Owl - pair still occupying burrows along fence near gate to refuge.
Monterey Red-shafted Flicker
Black Phoebe
Western Kingbirds
Robins
California Shrikes
W. Meadowlarks
Calif. Bicolor Redwings
Bullock's Orioles
Brewer Blackbirds

May 5, 1949, Oroville-Chico Road, Butte Co. 230-3 p.m. Dry hill pasture area.
Mourning Doves - 7 2 pair/road mile
Western Kingibirds
Black Phoebe
Horned Larks common

May 5, 1949, Marshy pond along the Cherokee-Oroville Road, near Cherokee, 5 p.m.
Pied-billed Grebe
American Egrets
Mallards - 3 pair
Vultures
Killdeer - 2 pair
Western Kingibrds - 1 pair
W. Crows
W. Bluebirds
W. Meadowlarks
Calif. Bicolor Reawings - 6 pair
Brewer Blackbirds
Calif. Purple Finches

May 6, 1949, North of Oroville, Butte Co. 6 a.m. Calm, warm, clear.
Black Phoebe - fresh nest in culvert under road
Say Phoebe
Interior Calif. Jay
Phainopeplas
Long-tailed Chats
W. Meadowlarks
Bullock's Oriole
Brewer Blackbird
Brown Towhees

All these birds were seen at one spot, within an area of 200 sq. feet in a dense tangle of vines and shrubs, small trees, and slough.

May 6, 1949, Oroville east to Lake Wyandotte, Butte Co. 0700-0720
California Woodpeckers - 5 adults on top of one telephone pole
Phainopepla in live oak
Black-headed Grosbeak singing

May 6, 1949, Lake Wyandotte, Butte Co., E of Oroville.
Green Heron
Ruddy Duck - 1 female
Osprey
Calif. Woodpecker
Western Kingbird
California Interior Jay
Cassin Vireo
Yellow Warbler
Audubon Warbler
Calif. Bicolor Redwing
Brown Towhee

May 6, 1949, SE of Trowbridge, Sutter Co., 330 p.m.
Black-necked Stilts - pairs feeding in flooded rice paddies
Black Terns - 3-400 over one 50-acre chunk of rice paddies that were flooded.

May 5, 1949, Lake on South Table Mtn at 725'. (39°54'N & 121°33'W). 530-630 p.m.
Live oak and digger pine woodland on steep slopes surrounding this pond.
N of Oroville about 5 miles, Butte Co.

Black-crowned Night Heron
Vultures
Cooper Hawk
Valley Quail
Mourning Doves
California Woodpecker
Black Phoebe
Ash-throated Flycatchers - 2 pr.
Violet-green Swallows
Tree Swallows
Cliff Swallows
Interior Calif. Jay
Plain Titmouse
Pallid Wren-tit
San Joaquin Bewick Wren
Robins
W. Bluebirds
Cedar Waxwings
Hutton Vireo
Pileolated Warbler
Long-tailed Chat
Brewer Blackbird
Black-headed Grosbeaks
House Finch
Green-backed Goldfinches
Sacramento Spotted Towhee
Brown Towhee
Chipping Sparrows - 1st of year
Golden-crowned Sparrows

1949

May 6, 1949, Kanaka Peak and Iron Bar Mountain, between South and Middle Forks of Feather River, Butte Co. at 23-2500 foot level. (121°18'W & 39°35'N).

Valley Quail
Mountain Quail
Band-tailed Pigeon
Mourning Doves - pairs
Rufous Hummingbird
Monterey Red-shafted Flicker
California Woodpeckers
Violet-green Swallows
Blue-fronted Stellar Jay
Pallid Wren-tit
Robins
Russet-backed Thrush
Ruby-crowned Kinglet
Cassin Vireo
Lutescent Warbler
Black-throated Gray Warbler
Pacific Yellowthroat
Brewer Blackbirds
Black-headed Grosbeak
Pine Siskins
Sacramento Spotted Towhee
Green-backed Goldfinches
Brown Towhee
Chipping Sparrows
Juncos

1949

May 19, 1949, Farmington Reservoir Area, San Joaquin and Stanislaus County, Calif.
10-4 p.m. 15-25 Brkn-Ovc. Cool, breezy.

Blue Herons
American Egret
Snowy Egrets
Black-crowned Night Heron
American Bittern
Mallards - saw about 125 -
Cinnamon Teal - 4 seen
Red-tailed Hawk
Sparrow Hawk - flying along, and did snap-roll-drop when I honked horn. 3 times repeated.
Pheasants - 10-15
Gallinules - pair
Coots - 4
Killdeer
Black Terns over rice-paddy areas.
Mourning Doves - many in area (5-800). Nest on debris in crotch of willow on west side of creek, 4 feet above the water. 2 clean whitish eggs in a shallow saucer. Nest made of dry grass stems. Full willow canopy over it.
Pacific Horned Owl flushed from large old willow along creek, chased by redwings.
Western Kingbirds common along fence lines, where there was no brush, whatsoever.
Ash-throated Flycatchers - pairs here and there along creeks
Black Phoebe - pair at Eugene Bridge.
Ruddy Horned Larks everywhere. Singing.
Barn Swallows - few
Cliff Swallows - colonies under every culvert and bridge over water in this area.
California Mockingbird - pair near dam site
California Shrike - about 12 pairs seen.
English Sparrows seen long ways from habitation in willow, etc. along creek.
Western Meadowlarks common, feeding young, although I could not locate any nests.
Calif. Bicolor Redwings: Many nesting:
#1 contained 4 eggs. Nest on NW side of old willow on Rock Creek at 10 feet.
#2 nest at 12 feet on west side of dead poplar (Lombardy).
#3 nest 18' over water on S side of large willow on horizontal limb.
4 eggs. Nest cup 2½" deep. Female on nest at 330 p.m.
#4 in willow coppice crotch at 11' above water. nest cup 3½" deep.
#5 at 14' on side side of willow just 11 feet from #4.
#6 on horizontal limb of willow just 2' over water in open on east side.
Some young redwings are already flying about the area.
Brewer Blackbirds
California Purple Finches in pairs and small flocks feeding on the weed seeds.
Sacramento Brown Towhees in willow thicket along Littlejohn Creek

#1a on Drais Bros. Ranch, on Rock Cr. Nest in 3½' growth of Rumex occidentalis in open AT 22".
Cup 3½" deep, containing 4 eggs., Of wild oats + dry grass

May 19, 1949, Woodward Reservoir, NE Stanislaus Co. Calif. 1-3 p.m. 20 Ovc. Calm.
Western Grebe — Nearly full, mostly grass-hills, with scattered willows around high water line.
Pied-billed Grebe calling
Farallon Cormorant
White Pelicans - 17 adults and immatures.
American Egrets
Blue Herons
Mallards - 300&
Cinnamon Teal - 20-30
Western Red-tailed Hawk
Marsh Hawk female
Pheasants - M & F
Coots - 150
Black-necked Stilts - pair feeding in rice paddy
Northern Phalarope - 1 feeding in rice paddy. Ruddy patch on side of neck, but plumage was mottled.
Bonaparte Gull - immature
Common Terns - at least 30 seen. Have a drawn-out buzzz call they give while flying.
Black Terns over reservoir and rice paddies
Ruddy Horned larks very common. Some singing this p.m.
Barn Swallows
Cliff Swallows
California Shrikes
Western Meadowlarks
California Bicolor Redwings - Found two nests in willows outside center of Brewer Blackbird nesting "colony" .
#1 nest on east side of slim willow at 8 feet. Had three orange-skinned young, that had down tufts on spine, head, and wings. Eyes barely open. Banded the two larger ones. #40-250401 and 40-250427.
#2 nest at 10' in willow. 4 eggs.
##3 & 4 - 2 fresh nests near to these two nests (6 feet away), but no eggs yet.
Brewer Blackbirds - small nesting colony found at end of peninsula in scattered willows near the high water line. Grass hillsides around the area.
I found that one pair had the following two nests, which were in isolated trees about 17 feet apart (by pacing).
#1 - Nest cup 3½" deep, rim 6½' above ground. 2 freshly hatched young, and 3 eggs were in this nest. Bright orange skin. Horsehair-lined.
#2 - Nest cup 3" deep, rim at 7' above ground. 5 nearly fully-feathered young in this nest. Parents were busy feeding them. Largest young was nearly 4 inches long, and the smallest 2 3/4" long. It looks as if all these young will leave the nest. Primaries were 2" long, the tail up to 3/4", and the young all had brownish eyes. Banded with #'s 41-152107,8,9,10, and 11. Horsehair lines.
Other nests nearby were as follows: All horsehair lined.
#3 - at 7' in willow. Sheltered. 2 eggs and 3 young with primaries over ½" long, but still sheathed. Mostly downy. #'s 41-152112,3,and 4.
#4 - an old nest (at least last year's) on east side of willow at 9'. Two young, well-feathered. (#'s 41-15216 and 20)
#5 - another old nest just 3½-4 feet apart from #4 contained 2 well-feathered young, much the same as in #2 and #4. #'s 41-152115, and 19.
#6 - nest a 9½ feet in willow, on NW side. 2 orange-skinned young. Primaries still sheathed. Tail about 1/16" long. #'s 41-152118 and 21.

May 21, 1949, Monterey, and north of Monterey, Monterey Co. 930 a.m. and 5 p.m. and Carmel to Point Sur, Monterey Co.

Brown Pelicans flying or on off-shore rocks

Farallon Cormorants - very few

Baird Cormorants common - 3 nests on ledge 30' up from head of quiet bay. Nests 3 feet apart. Nests built up with plant material, and adults on nest. Much excreta. Cliff swallow nests within 3 feet (many cup-shaped instead of gourds).

Surf Scoters - 1 south of Pt. Sur.

Vultures - several

W. Red-tailed Hawk - several pairs - flushed one second-year bird from the ground. It's "crop" was full and bulging - we found the rear 1/3 of a gopher snake near Malpaso Creek.

Duck Hawk - pair had nest on south side of 250' cliff, but we never found it. The female was larger and lower toned in color and voice.

Sparrow Hawks - pair chasing red-tails

Valley Quail - 2 different birds calling at 430 p.m. from Monterey Pine woodland.

Black Oystercatchers - up to 6 in a flock on offshore rocks.

Killdeer - a few, more inland

Western Sandpipers - pair seen.

Avocets - 2 at mouth of Salinas River.

Red Phalarope - several seen with Northern Phalaropes on ocean in kelp beds with the Sea Otters. Most in winter plumage. In the late afternoon I saw 1 full adult working in slimy, shallow pond with Northern (145-150), north of Monterey.

Northern Phalaropes - some still in winter plumage, on the ocean among the kelpbeds near the sea otters. Some still in winter plumage. Associated with the Red Phalaropes. North of Monterey we saw about 150 in a slimy, shallow pond about 6 p.m.

Glaucous-winged Gull - 1 seen

Western Gull

Herring Gull

California Gull

Short-billed Gull - 3 seen

Pigeon Guillemot - several seen feeding in deep water of sheltered coves in rocky headlands.

Band-tailed Pigeons around Monterey pine forests

Mourning Doves just north of Pt. Reyes.

Pacific Horned Owl - found many pellets in fairly dense Monterey Pine thicket south of Pt. Lobos.

Vaux Swift - half-dozen seen in river canyons.

White throated Swifts - dozens over sea cliffs - nest cavity in south side of 250' sea cliff near the Duck Hawk nest that we couldn't find.

Belted Kingfishers

Monterey Red-shafted Flicker -calling from Monterey pine woodland.

California Woodpecker - in Monterey

Cabanis Hairy Woodpecker - in Monterey pine woodland

Black Phoebe -

Wood Pewee - no eye ring. Catching insects from 9' perch in Monterey Pine Woodland.

Western Flycatcher - Nest containing 4 fully feathered young at 45" in twig debris in dead branches of Monterey Pine in a rather dense thicket. Rim of nest inclined to E. Banded young with nos. 41-23849-50, and 42-3901-2 (size 0). Young had most of feathers and wing bars were a chestnut-buff. Adults had black irides, and whitish wing bars and a pale eye ring. Olive back, yellow-green below and on the throat. About 6" long. Pair bold, carried crane fly and 2 moths to young while we watched. Flicked tail upward irregularly. Nest cavity 1¼" deep and 2½" diameter.

Horned Larks on ocean cliff grassland, singing.

Violet-green Swallows

Barn Swallows

Cliff Swallows - common. Nests on over-hanging cliff within 3 feet of 3 Baird Cormorant nests. Some of nest were gourd shape, others just cups or saucers.

Yellow-billed Magpies in Monterey and just north of town.
Western Crows - few
Chestnut-backed Chickadees - pair working Monterey Pine getting spittle bugs.
Coast Bush-tit - quite a few, 25-30. Very light-colored head, compared to Oregon.
Monterey Wren-tit - in chaparral and woodland
San Diego Bewick Wren - singing
Robins - 2
Western Meadowlarks
San Francisco Red-winged Blackbirds - few
Brewer Blackbirds
Black-headed Grosbeaks singing from pine woodland
California Purple Finches
House Finches
American Goldfinches
Nuttal White-crowned Sparrows common - singing and carrying food to unfound young.
In woodlands, brush, and on open slopes above the sea.

May 22, 1949, Al Wood Ranch, Hamilton Range, Santa Clara Co, NE of San Jose. Elev. 2000&'. 9 a.m. to 2 p.m. (W. of Calaveras Res;)
This area was a live oak, blud oak woodland and grasslands and rock outcrops. Deser on N and E slopes.

Vultures
Red-tailed Hawks
Valley Quail
Killdeer
Mourning Doves
Monterey Red-shafted Flickers
California Woodpeckers
Nuttall's Woodpeckers
Western Kingbirds
Ash-throated Flycatchers - pairs
Black Phoebe
Wood Pewee
~~Traill's~~ Flycatcher
Western Flycatchers
Horned Larks, Calif.
Violet-green Swallows
Cliff Swallows
Coast Stellar Jay
Interior California Jay
Yellow-billed Magpies
W. Crows
Bailey Mountain Chickadee - [illegible] in myrtle-oak woodland
Calif. Plain Titmouse
Intermediate Wren-tit
W. House Wren
~~San Diego~~ Vigors Bewick Wren
N. Rock Wrens - on rock wall and outcrops
Western Mockingbirds
California Thrasher - sounded like mockingbird.

Russet-backed Thrush
Western Bluebirds - nest in elderberry
Hutton Vireo
Cassin Vireo
Warbling Vireo
Yellow Warbler
Townsend's Warbler - 6& in live oaks. One was streaked below, but with no black throat. Olive-green color body and yellow throat and chest, but dusky band lower down.
Pileolated Warbler
W. Meadowlarks common. One nest had 6 eggs.
Bullocks Orioles around Ranch House. Noisy
Brewer Blackbirds
Western Tanagers common
Black-headed Grosbeaks
Calif. Purple Finches
House Finches
Common Goldfinches
Green-backed Goldfinches
San Francisco Spotted Towhee
San Francisco Brown Towhees
Calif. Rufous-crowned Sparrow - gave teetering calls - on rock wall of open hillsides. Black whisker (yellow wash below.).
W. Lark Sparrow
Point Pinos Oregon Junco - adults and young on NE and N slopes, well-shaded.
Chipping Sparrow
Santa Cruz Song Sparrow

May 22, 1949, Calaveras Reservoir, Santa Clara County. 230-3p.m.
Open grasslands and rock outcrops and live oak-blue oak woodland.

Vultures
White-tailed Kite
W. Redtailed Hawk
Valley Quail
Roadrunner
California Woodpecker
Ash-throated Flycatcher
Yellow-billed Magpie
W. Crows
W. Bluebirds
Lutescens Warblers
W. Meadowlark
Lazuli Bunting
House Finch
San Francisco Spotted Towhee
San Francisco Brown Towhee
W. Lark Sparrow

May 23, 1949, Madera-Friant, Madera Co. 1145-12 noon.
Vultures
Sparrow Hawks
Lewis Woodpeckers near Friant
Western Kingbirds
Ruddy Horned Larks - average of 34/road mile.
Cliff Swallows
W. Meadowlarks
House Finches
W. Lark Sparrows.

1204

May 23, 1949, Millerton Lake, Fresno Co. side. 1215 noon.
3 Eared Grebes
Calif. Gull - 1
Western Kingbirds - with nest on center of 15' pole crossarm. no young ?#eggs.
Rough-winged Swallows
W. Meadowlarks
Western Tanager(F)

1205

May 23, 1949, Friant Dam to Trimmer, Kings R., Fresno Co. 1215-1300.
W. Redtailed Hawk
Mourning Dove
California Woodpeckers
Western Kingibrds
Ash-throated Flycatchers
Horned Larks, Calif.
Violet-green Swallows
Pallid Wren-tit
California Jay
California Shrike
Black-throated Gray Warbler
Bullock Oriole
Calif. Purple Finch
Green-backed Golafinch
Lark Sparrows

1206

May 23, 1949, Trimmer to Balch Camp, Kings River, 1300-1345 p.m.
Dry chaparral canyon, with willows, sycamores, etc.
Spotted Sandpiper
Costa Hummingbird
W. Belted Kingfisher
Calif. Woodpecker
Black Phoebe
Ash-throated Flycatcher
Violet-green Swallow
Dipper
Cassin Vireo
Warbling Vireo
Yellow Warblers
Bullock Oriole
Brewer Blackbird
Western Tanager
Black-headed Grosbeak
Calif. Purple Finch
House Finch
Green-backed Goldfinch
Lark Sparrow

1207

May 23, 1949, Balch Camp to Black Rock, N. Fork Kings River, Fresno Co.
Duck Hawk
White-throated Swift
Western Kingirds — Cassin Vireo
Black-headed Stellar Jay — Lazuli Bunting
Pallid Wren-tit

May 25, 1949, Black Rock, to Coolidge Meadows, N. Fk. Kings River, Fresno Co.
Olive-sided Flycatcher
Robin
Townsend Solitaires - pair on NE slope - semi-open
Sacramento SpottedTowhee
Thurber's Oregon Junco

May 24, 1949, Coolidge Meadows, N. Fk. Kings R., Fresno Co. 6300'.
Mallards - 2 pairs in meadows — Harold Keown, owner of Victory Mine (Tungsten).
Mountain Quail - common about 1/ 1 or 2 acres.
Monterey Red-shafted Flicker
Pileated Woodpecker
Willow Downy Woodpecker
White-headed Woodpecker
Ash-throated Flycatcher — Wood Pewee
Violet-green Swallow — Olive-sided Flycatcher
Black-headed Stellar Jay
Clarke Nutcrackers → nest at 15' on SE side of dead yellow pine. hole 1½" dia.
Short-tailed Mountain Chickadee
Black-eared Pigmy Nuthatch
Pallid Wren-tit
W. Robin
Ruby-crowned Kinglet
Calaveras Warbler
Audubon Warblers
Calif. Bicolor Redwinged-Blackbird
Brewer Blackbird
Western Tanagers
House Finch
Thurber's Oregon Juncos
Lincoln Sparrows in willow thickets of meadows

May 24, 1949, Merced Falls to Coultersville, Mariposa County, 5-530 p.m.
Grass, with scattered oak and rock outcrops
Vulture
Killdeer
Mourning Dove - 15/mile
California Woodpecker
W. Kingbird - 10/mile
Ruddy Horned Larks
California Shrikes
W. Meadowlarks and young - 10/mile
Calif. Bicolor Redwings
Bullock's Orioles
Brewer Blackbirds
Western Tanagers
Lawrence Goldfinches
Lark Sparrows

May 30, 1949, Lake Washington, Yolo Co, W of Sacto. 945-1015 a.m.

Farallon Cormorant - 1
Blue Heron - 2
Ruddy Duck male - 1
Monterey Red-shafted Flicker
Suisun Long-billed Marsh Wren
W. Meadowlark
Yellow-headed Blackbirds
Calif. Bicolor Redwings
Brewer Blackbirds
Modesto Song Sparrow

May 30, 1949, Natomas, Sacramento Co. 1045-1130 a.m.

Anthony Green Heron
California Woodpecker
Nuttall Woodpecker
Ash-throated Flycatchers
Violet-green Swallows
Calif. Plain Titmouse
Calif. Bush-tits
House Wrens
Bewick Wrens
Warbling Vireo
Yellow-breasted Chat -"butterfly"
Bullock Oriole
Black-headed Grosbeak
Green-backed Goldfinch
Sacto Spotted Towhee

May 30, 1949, Folsom Reservoir Area, Sacto and Placer Counties, 1130-1330 p.m.

Vultures circling over area
Killdeer
Monterey Red-shafted Flickers
California Woodpeckers common in blue oak areas
Western Kingbirds
Ash-throated Flycatchers - 3 pairs seen.
Wood Pewee
Black Phoebe
Cliff Swallows
Interior California Jays
Yellow-billed Magpies
Calif. Plain Titmouse
Western Robin
Russet-backed Thrush
Yellow Warbler
Yellow-breasted Chat
Western Meadowlarks
Calif. Bicolor Redwings

Green-backed Goldfinch
Sacto Brown Towhee
Chipping Sparrow
Modesto Song Sparrow plus

At gate into dam - an interesting association inone live oak at edge of highway on Folsom-Auburn Road. Just 10 feet from me in car were several pairs of English Sparrows, Purple Finches, a Lark Sparrow and Bullock Oriole.

About 9' above the ground hanging from an outer limb of a live oak was a bullock oriole nest made of very fine material. The cup outside size was 3½" deep and 2½" wide. There were 3 young in the nest and 1 dead one found on the ground below the nest. Up to 2½" long. Primaries ½" long, still sheathed. The young were very noisy when a parent came to the nest to feed them, but they kept very quiet after the parent gave a low churring note upon departure. While I watched the male made 4 trips to the nest with food, but the female seemed very hesitant to approach the nest when I was so near. Her hesitancy affected the male as well, and both spent much time just perched with food in their mouths, chirping. I observed them to bring insects and ripe cherries to the nest. Visits were spaced about 1½ min., 2 min., 1¼ min., 2 min., 7 min., and 3 min., and 5 min. Following the females 1 delayed visit, she hung near the nest, chirping, and preening for at least 8 minutes. The male was not seen during this time. The feeding calls of the young attracted the California Purple Finches each time, for they had a nest at 11' on the same main limb, just 7' from the Oriole nest. This nest had 4 young in it.

A lark sparrow adult, carrying a grasshopper, lit in the live oak, and acted as if it had a nest nearby, but I could not locate it. In moving through the tree it got within a foot of the oriole female, and the nest, but no action took place, then it moved over and was practically on top of the purple finch nest and the pair of adults made passes at it, but lost out, however, the cries brought other nearby finches into the tree. The commotion also attracted some adult male English Sparrows, and these were driven away by the Lark Sparrow while he still held the grasshopper

June 3, 1949, Grass [illegible] Lake, Siskiyou Co. 5 p.m. PST. Clear and warm.

Killdeer
Spotted Sandpiper
Violet-green Swallows
Robins
Western Bluebirds
Yellow-headed Blackbirds - just building nests
Redwings
Brewer Blackbirds

June 3, 1949, Oregon-Calif. Line to Midland, Oregon. 530-540 p.m. PST

Blue Heron
Mallards
Cinnamon Teals
Vultures
Marsh Hawks - [illegible]
Killdeer
Spotted Sandpiper
Ring-billed Gulls
Black Terns
Brewer Blackbirds

June 3, 1949, Klamath Lake, Oregon. 6-620 p.m. PST

Pareo Grebes
Western Grebes common
White Pelicans
Cackling Geese - just 8 in field
Mallards
Ruddy Ducks
Caspian Tern
Cliff Swallow
Black-billed Magpie
Brewer Blackbirds
Green-tailed Towhee

June 4, 1949, Avery Park, Corvallis, Oregon 6-715 a.m. Calm, clear, cool.

Bobwhites
Valley Quail - 2 pair
Pheasants
Kingfisher
Rufous Hummingbird
Northwestern Flicker
NW Red-breasted Sapsucker - nest hole in 14" diameter D. Fir snag at 22'. 1½" dia. facing to E. Live maple on east. Young squeeking, especially when the parents brought food. The male brought food but didn't enter the hole. He made two visits 1 minute apart. The female came once, went in and gave the young food, and then left the nest hole carrying a small mass, presumbably fecal sacs.
Harris Woodpecker
Gairdner Downy Woodpecker
Little Flycatcher
Wood Pewee
Violet-green Swallow
Tree Swallow - nest in dead alder over water at 9½'. Hole to Se
Slender-billed Nuthatch
Red-breasted Nuthatch
Seattle Bewick Wren
Robin
California Creeper - pair within 2' of me. Must have nest, but I couldn't locate it.
Russet-backed Thrush common - singing
Ruby-crowned Kinglet - young
Cedar Waxwings
Cassin Vireo
Warbling Vireo
Yellow Warbler
Black-throated Gray Warbler
MacGillivray Warblers
Chat
Pileolated Warbler
W. Meadowlark
Western Tanagers - paired
Black-headed Grosbeak
Purple Finch
Pine Siskin
Oregon Spotted Towhee
Oregon Junco
Chipping Sparrow
Rusty Song Sparrow

June 9, 1949, Mary's Peak, Benton Co. 3-5 p.m. heavy fog, drizzle.
Sooty Grouse - several singles, also 1 strutting male with 2 females on log.
It flew with throat sacs still distended. Also a few half-growns seen.
Calif. Creepers
White-crowned Sparrows singing and common

June 11, 1949, 12-mile Swamp, Bruce Station, Benton Co. Oregon. 315-320 p.m.
Vulture
Red-tailed Hawk
Pheasants
Killdeer
Black Tern - 1 coursing over north end. Came within 40 or 50 feet of us.
A full-spring-plumaged adult.
Mourning Dove
Horned Lark
Violet-green Swallow
Tree Swallow
Barn Swallow - nest on shed porch, within 4 feet of previous nest sites. Cartridge box gone from wall. This nest built close under the roof in angle between west porch wall and rafter. At 7½' height. Nest lined with red and white chicken feathers. It contained 5 eggs. Adults not about.
Cliff Swallow
Western Crow
Oregon Chickadee
Tule Wren
Robin
Cedar Waxwing
Yellow Warbler
Pacific Yellowthroat
Yellow-breasted Chat
W. Meadowlark
Northwestern Heawing
Brewer Blackbird
Lazuli Bunting
Calif. Purple Finch
Oregon Spotted Towhee
Vesper Sparrow
Chipping Sparrow
Rusty Song Sparrow

June 11, 1949, Fern Ridge Reservoir, Lane Co. 4 p.m.
Near dam:
Vulture
Violet-green Swallow
Barn Swallow
W. Meadowlark
NW Heawing Blackbird
Brewer Blackbird
Common Goldfinch

AT South End on old Elmirsa Road: 430 p.m.
Bittern pumping
Killdeer
Wilson Snipe
Horned Larks
Robins

June 18, 1949, Lake Washington, Yolo Co., W of Sacramento, 730-78 a.m.

Swainson Hawk perched on ground in recently-cut alfalfa field where it captured a 30" gopher snake. When I walked out to flush it, it carried the wreathing snake away. It lit [illegible] away, and when I flushed it again, Brewer Blackbirds pursued it 100 yards, while it still held on to the snake. It's flight was never over 6' above the fields.

Marsh Hawk male

Pheasants - several adult males and females seen. 3 3/4-grown, and 5 1/3-grown young seen.

Monterey Red-shafted Flicker

Barn Swallow - 4

Cliff Swallows - 25

W. Crows - a few

Suisun Long-billed Marsh Wren

Yellowthroats singing

Yellow-headed Blackbirds - about 20

Calif. Bicolor Redwings - as before, there were a couple of small groups of 25-30 unattached males in the area, besides the nesting pairs.

Song Sparrows singing.

June 18, 1949, Yolo By-pass channel, N of U.S. 40-50, Yolo Co., W of Sac. 8-830 a.m.

American Egret

Mallard - 1

Sparrow Hawk being chased from tall willows by Brewer Blackbirds and Bullock Orioles

Coots - 3

Killdeer - 5

Monterey Red-shafted Flicker -

Yellow-throats

California Bicolor Redwings

Bullock Orioles chasing Sparrow Hawk

Brewer Blackbird chasing Sparrow Hawk

House Finches common

Green-backed Goldfinches

Song Sparrows.

June 20, 1949, Sparks, Washoe Co., to Fernley, Lyon Co. Nevada. 1430-1510

American Merganser - M
California Ring-billed Gulls - 3
Mourning Doves
Western Kingbird
Barn Swallows
Cliff Swallow
Yellow-headed Blackbirds
Nevada Redwinged Blackbird
Brewer Blackbirds

June 20, 1949, Fernley, Lyon Co. to Lovelock Valley, Pershing Co. Nevada, 1510-1600.
Cinnamon Teals
Avocets
Black-necked Stilt
Western Kingbird
Barn Swallow
Yellow-headed Blackbird
Nevada Redwings
Brewer Blackbirds
(greasewood in flower).

June 20, 1949, Lovelock Irrigation District, Pershing Co. Nevada. 1600-1630.
American Egrets - 2
Valley Snowy Egrets - 25
Valley Quails - 8
Pheasants - F and young
Coot
Ring-billed Gulls
Mourning Doves - very few
Western Grebe
Red-shafted Flicker
Western Kingbirds
Barn Swallows
W. Crows
W Robins
Nevada Shrike
W. Yellowthroat
N. Pileolated Warbler
English Sparrows
W. Meadowlarks
Yellow-headed Blackbirds
Nevada Redwings
Brewer Blackbirds
Lark Sp.

June 20, 1949, Rye Patch Reservoir, Pershing Co, Nevada - 1655-1700.
Western Grebe
White Pelicans
Farallon Cormorants - 25 flew over, downstream
Snowy Egret
Ring-billed Gull
Barn Swallow
Cliff Swallow

June 20, 1949, Winnemucca, Humboldt Co., Nevada, 1800-1830. Marshes S and in town.
4 Mallards
2 Cinnamon Teals
Valley Quail - 10
Pheasant
Mourning Doves
Pacific Nighthawk
Nuttall Poorwill
Western Kingibrd
Barn Swallow
Cliff Swallow
Black-billed Magpies
W Robins
English Sparrow
Western Meadowlark
Yellow-headed Blackbird
Nevada Redwings
Brewer Blackbirds
Bullock Oriole

June 21, 1949, BattleMountain, Lander Co. to Elko, Elko Co. Nevada. 0620-0745.
(Including Argenta Farm and swamp area).
Snowy Egrets - common
American Egrts - 2
Blue Heron
Mallards
Cinnamon Teal
Swainson Hawks
Marsh Hawk M
Sparrow Hawk
Wilson Phalaropes on stock pond at 5800'.
Mourning Doves
Western Kingbirds
Barn Swallows
Cliff Swallows
Western Crows
Black-billed Magpies
Nevada Shrike
Yellow-headed Blackbird
Nevada Redwing
Bullock Oriole
Brewer Blackbird
Mountain Song Sparrow (P.m. fallax)

June 21, 1949, Hill range S of Elko, Elko Co. Nevada - 8 p.m.
Meadowlarks - some up to 200' above the ridge, hovering, and giving a singular, deep note.
Brewer Sparrow - very few
Grasshopper Sparrow - mating in Juniper-sage area - sang several times about midnight.
Chipping Sparrows

June 21, 1949, South Fork, Humboldt River, SW of Elko, Elko Co., up to Twin Bridges Tenmile and Huntington Creeks in this area.

White Pelican
Snowy Egret - many
American Egret - 2
Black-crowned Night Heron - 2
Blue Heron
Mallards
Cinnamon Teals
American Mergansers - 11 young with female - young would dive and swim 20 feet under
Sagehen - adult and 2 ½-grown young crossing gravel road in sagebrush water and river botton habitat. First I have ever seen
Vultures
Swainson Hawks
W. Redtail Hawk - found a female circling close to us over a high rock outcrop just upstream from the mouth of 10-mile Creek. Two nest sites on SW slope of pinnacle outcrop, within 6 feet of each other. Took pics. Lower nest piled 3' high and used this year. I found 2 young birds perched on a small sagebush about 50 yards uphill from the nest sites. They were on a west slope, exposed to strong NW winds this p.m. They were both open-mouthed and "dripping" from their mouths down the tip of the lower bill. As Dan Slater moved in to take picture, one young flew, ending up in tall sage growth at the edge of the river 400 feet below and over ½-mile away from the perch it left. The other young didn't care to fly, and pictures were taken as close as 1' away. I captured and banded this young (#34-632488). size 7b. One freshly killed young jack rabbit, still warm, was found about 20 feet from the young. Nearby perched on rock outcrops had many pellets scattered about, indicating that cottontail and jack rabbits make up a good share of the adult's food in this area. I gave the young rabbit to the remaining young hawk, but it payed no attention to it. Young had rich, plain tawny brown area on chest, and was heavily blotched below with dark brown.
Marsh Hawk M & F
Sparrow Hawk
Killdeer
Spotted Sandpipers
Willets in pasture area of 10-mile creek
Black Terns common
Mourning Doves common
Montana Horned Owl
Nuttall's Poorwills common
Vaux Swift
White-throated Swifts on 10-mile Creek, and in canyon near mouth of S.Fk. One pair observed to be joined, and tumbled about 200 feet towards the earth before pulling apart - presumably they were mating. 16-25 seen.
Flicker
Rocky Mountain Williamson Sapsucker - pair had nest in tall aspen near Twin Bridges at a height of about 28' on the north side of the tree.
Western Kingbirds
Ash-throated Flycatcher
Rough-winged Swallows common
Barn Swallows rare
Cliff Swallows - 63 nest in small, open shed at 8' to 12'. Found 107 dead young in all growth stages on the floor of dirt. 37 of these were live ones. Some nests may have been torn down.
Western Crows
Black-billed Magpies
Rock Wrens -
Sage Thrasher - 1
Robins

OVER

S. Fk. Humboldt R., continued:

Nevada Shrikes
W. Yellow Warblers
W. Yellowthroats
English Sparrows
W. Meadowlarks
Yellow-headed Blackbirds
Nevada Redwings
Nevada Cowbirds
Bullock Oriole
Brewer Blackbirds
Black-headed Grosbeak
Cassin Purple Finch
Mountain Song Sparrow

June 22, 1949, Elko - Deeth, Elko Co. Nevada, --0745-0825
Snowy Egrets
Western Red-tailed Hawks
Killdeer
Nuttall Poorwills
Rough-winged Swallows
Barn Swallows
Cliff Swallows
Black-billed Magpies
W. Robins
Nevada Shrike
Nevada Redwings
Brewer Blackbirds

June 22, 1949, Mary's River Valley, Deeth-Malvista Ranch (25 miles). 0825-1315.
Elko County, Nevada.

Snowy Egrets
Bittern
Black-crowned Night Herons
Vulture
Red-tailed Hawks
Swainson Hawk
Marsh Hawk
Sagehen - adult and 3 flying young in gravel road in sagebrush-river bottom area.
Killdeer
Wilson Snipes - many pairs in area, but I could not locate any nests. ~~Pairs often circled within 5 feet of my head, giving notes continually.~~
Spotted Sandpipers on gravel bars. One observed to feed on Cicada, and beating it against the rocks of the gravel bar, to kill it, I guess.
Willets - 2 pairs in wet pasture area on Malvista Ranch. Evidently breeding, but I couldn't locate nest, especially in one spot where I was when the birds would make angered dives at me, missing me only by inches. They must certainly be nesting here, for these actions of the adults indicate it.
Wilson Phalaropes - dozens of pairs. Pairs often circled within 5 feet of my head, giving singular notes, continually.
Mourning Doves
Montana Horned Owl flushed from willow thicket near stream.
Nuttall Poorwill
Pacific Nighthawk
Western Kingbirds
Ash-throated Flycatchers
Desert Horned Lark
Rough-winged Swallows
Barn Swallows nest under culvert
Cliff Swallow
Black-billed Magpie
W Robin
W Yellow Warbler
Chat
W Yellowthroat
W. Meadowlark - nest covered on Juncus and Potentilla gracilis, on ground. Had just 3, 2-day old young, and one egg.
Yellow-headed Blackbirds very common
Nevada Redwings
Brewer Blackbirds
Lark Sparrows
Grasshopper Sparrows
Mountain Song Sparrows

June 22, 1949, Deeth-Wells, Elko Co., Nevada. 1430-1445

Snowy Egrets
Vulture
Prairie Falcon on telephone pole
Coots
Sagehen - very large adult
Western Kingbirds
Barn Swallows
Cliff Swallows
W. Meadowlark
Nevada Shrike

June 22, 1949, Metropolis or Bishop Creek Reservoir, N of Wells, Elko Co. Nevada. 1530-1600

Blue Heron - 1
Black-crowned Night Heron - 4 on log just above dam.
Ring-billed Gulls - 15
Mourning Doves - several pairs
Black-billed Magpies
Rock Wren
W. Robin
Brewer Blackbirds

June 23, 1949, North Fork, Humboldt River, 16 miles N, near Devil's Gate. 0830-1245. Elko Co., Nevada

Blue Heron
Snowy Egret
W. Red-tailed Hawk
Spotted Sandpipers
Killdeer
Mourning Doves - 2
Pacific Nighthawk
Nuttall's Poorwills on fence posts
Duck Hawk - nest at 2000 feet on east-facing cliff, above river. Nest in crevice, and I couldn't see into it, or reach it. adults nearby. 2 old nest sites found nearby.
Desert Horned Lark
Cliff Swallows - 100's of nests on cliffs at Devil's Gate.
Black-billed Magpie
Raven
Rock Wren
W. Robin
Nevada Shrike
~~W. Robin~~
W Yellowthroat
Chat
N Pileolated Warbler
W. [illegible]
Bullock Oriole
Brewer Blackbird
Lazuli Bunting- pair in willow scrub along creek.
Lark Sparrow
Mountain Song Sparrow.

June 23, 1949, South Fork, Humbold t R., at Bullion Mine Bridge, Elko Co. Nevada.

Mallards
Mourning Doves
Barn Swallows
Nevada Cowbirds
Brewer Blackbirds

This reservoir site are is 10% pasture and 90% desert scrub.

June 24, 1949, Battle Mountain - Austin, Lander Co. Nevada. 0545-0630

Killdeer
Desert Horned Lark
Cliff Swallows
W. Crows
Rock Wren
W Robin
Nevada Shrike
W. Meadowlark
Nevada Redwing
Brewer Blackbird

June 24, 1949, Austin, Lander Co.-1st Irrigation area, N. of Carson Lake, Churchill Co. Nevada - 0715-0930. Mostly desert scrub and alkali flats. Ranges without timber, except for Desatoya Range. Campbell Creek along hiway 50, there.

Vulture
Red-tailed Hawk
Swainson Hawks
Killdeer
Pacific Nighthawk
Desert Horned Lark - many
Blue-fronted Stellar Jay - 2
Woodhouse Calif. or Florida Jay - sev.
Rock Wren
Robin
Brewer Blackbird
Lark Sparrow
Chipping Sparrow.

June 24, 1949, Fallon and Stillwater Wildlife Area, Nec. Churchill Co. Nevada. 0930-1400 PST

Western Grebe
Eared Grebe
White Pelicans
Farallon Cormorants
Blue Heron
American Egret - 2
Snowy Egrets - many
Bittern - 2
Black-crowned Night Heron
White-faced Glossy Ibis - first ones seen - 75-100 in marshy field 5 miles S of Fallon. On ground, and flying. About 250 others seen in area.
Mallards
Pintails
Blue-winged Teal
Cinnamon Teal
Green-winged Teal - 1 pair
Redheads
Ruddy Ducks
Marsh Hawks
Sparrow Hawks
Valley Quails
Coots
~~Killdeer - 2, Ibis - [illegible]~~
Killdeer
Wilson Phalaropes
Black-necked Stilts - dozens
Avocets - very few
Caspian Tern colony on Stillwater Res.
Nesting Raven
Red-shafted Flicker
Western Kingbirds - nest at duck club had 4 eggs, now 2.
Rough-winged Swallow
Barn Swallow
Cliff Swallow
Robin
Nevada Shrike
Wrentits
English Sparrow
Yellow-headed Blackbird
Nevada Redwings
Brewer Blackbirds
Bullock Oriole
House Finch
Nevada Savannah Sparrows

as of 7-2-49 Dave found 4 eggs in the nest, + the previous 4 underneath the adults having built the 2nd nest on the 1st clan 4 eggs.

June 24, 1949, Lahontan Reservoir, Churchill Co. Nevada. 1415-1445. Nearly full.
Western Grebes
Killdeer
Ring-billed Gulls
Western Kingbirds
Cliff Swallows

STILLWATER RANGE, NEAR JOB'S PEAK, CHURCHILL CO., NEVADA

June 26, 1949 9:30am to 3:00 pm
With Leroy Giles by Dave B. Hirschfield
Trip started at turn-off from county road which runs along east side of Stillwater wildlife area. Road turns off at tin cabin opposite nutgrass area of refuge. Drove Drove to end of road, which ended in where pinon pine started. End of road estimated to be at 6,000 ft. We walked about 500 feet higher up canyon and up on slope in pines.
Habitat - Lower part of canyon desert. Upper part with small creek with Rosa, Prunus demissa, Artemesia tridentata, Ribes, Salix, a grove of Populus tremuloides and Prunus andersoni or fasciculata. Slopes above about 6,000 ft. covered with pinon pine. Amelanchier also along creek.

Chukar Partridge - In desert part of canyon at about 5,000 ft. 3 adults and 6 feathered young. The birds quickly ran up the canyon, but we had a good view of them.
California Jay - Saw at least 2. Scolding from thicket in creek incicated that a nest with young was present.
Rock Wren - Singing from rocky outcrops in upper part of canyon.
Warbling Vireo - Singing from creek in willows.
Black-throated Gray Warbler - Saw and heard this species in pine.
Brewer's Blackbird - 9 in lower part of canyon
Bullock Oriole - nest in tall willow. Males feeding.
Lazuli Bunting - Singing from willows. Saw one. Others singing.
House Finch - Singing from cliffs in lower part of canyon at about 5,000 ft.
Nevada Towhee - Saw several along upper part of creek.
Vesper Sparrow - Quite a few all along just above willows in open areas.
Brewer's Sparrow - saw one at about 5, 00 ft. in lower part of canyon
Fox Sparrow - Could have been a green-tailed towhee, as I only heard the bird sing, and I still can't tell a Green-tailed towhee song from a fox Sparrow.

STILLWATER WILDLIFE AREA, CHURCHILL CO., NEVADA

June 26, 1949

Valley Quail - Finally saw one within the refuge boundary in way back from trip above. Along Kent's fence.
Burrowing Owl - Outside refuge. 3 about 8:00pm near Freeman Ranch.

STILLWATER WILDLIFE MGT. AREA, CHURCHILL CO., NEVADA

June 30, 1949 8:30am to 4:00pm
Trip to Nutgrass Area. Drove truck to point and unloaded boat. Rowed boat around edge of nut-grass. Walked out through nut-grass and cattail to pond for a couple of hours. Rowed a couple of miles into the open water. Rowed to island. No nests on it.

Western Grebe - Saw at least 60 adults, and 5 broods. 4 of the broods contained 2 birds. The other 1. Found one dead adult.
White Pelican - About 500 on the island. About 100 others scattered throughout the area.
Blue Heron - 11
Black-crowned Night Heron - 9 and 3 young fully grown, but in brown plumage, and flight awkward.
Snowy Egret - 12
White-faced Glossy Ibis - 53 including one flock of 25.
Mallard - 800 mostly all males in various stages of moulting. Only saw one female ~~XXXXXX~~ for sure.
Gadwall - 500. Moulting.
Pintail - 1400 mostly all or all males moulting.
Cinnamon Teal - 12 males. is all.
Shoveller - 40 mostly all or all males moulting.
Redhead - 400 males or mostly all males. Not as far along in their moult as the dabblers. ~~XXXXXXXX~~ How Many show no signs of moulting. 17 broods. Broods were as follows: 6, 8, 12, 13, 4, 5, 10, 5, 11, 9, 14, 12, 4, 5, 6, 3, 5. All in downy stage except one of the broods of 4 in which 3 were partly feathered. One downy one with the 4 must have been adapted or the 3 were adapted. Mean of all broods: 7.76. Also saw 2 pairs, seperate, male and female together.
~~XXXXXXXXXX~~
I saw at least ~~XXX~~ 1000 more ducks in the area which were too far off to identify. In one inlet where the ducks concentrated there were about 3 feathers per square foot in the water.
Ruddy Duck - Brood of 6 with male and female. 3 males and one pair with male and female together.
Marsh Hawk 2
Coot - 350. Only 4 broods. Were as follows: 3, 2, 2, 2,
Avocet - 2
Black-necked Stilt - ~~XXXXXXXXXXXXXXXXXXXX~~ 34 adults, 30 of which were concentrated in area where water was about 4" deep in ~~XXX~~ ~~XXXXXX~~ a thin concentration of nutgrass. Also 5 young.
Calif. Gull - About 20 with the Pelicans on the island.
Gull, Bonapart's or Franklin's - Wish I knew which. Small gull, smaller than the californias. Gray color, head black except for white around eye and bill.
Forster's Tern - 10 around a island of nutgrass. Island all matted down except for fringe, and built up quite high by the dead stalks. 2 nests on the island, one with 3 eggs and the other with 4. Eggs laid on the nutgrass stalks which had been built up slightly where the eggs were laid. Took picture. 71 birds on the island.
Caspian Tern - Saw 2.
Black Tern - Saw 3 around the island.
Horned Lark - all through the desert around the nut-grass. As before a flock was concentrated around the water-hole where the shack stands beside the main road.
Marsh Wrens -
Yellow-headed Blackbirds
Savannah Sparrow - in a strip of saltgrass along the water. A few present.

June 29, 1949, Middle Fork, American R. drainage, from junction with North Fork, to Peavine Creek, Placer Co. Calif.

Vultures - 6 perched on dead pine tree.
Swainson Hawk - 1
Valley Quail - small covey of 6
Monterey Red-shafted Flicker
Pileated Woodpecker - 1 in D. Fir- W. Fir area.
California Woodpecker in pure oak (black) woodland.
Wood Pewee and young
Western Flycatcher
Olive-sided Flycatcher - calling from top of Sugar Pine
Stellar Jay
California Jay
California Titmouse
Red-breasted Nuthatch
California Creeper
Dipper
House Wren
Western Robin
Ruby-crowned Kinglet
Golden-crowned Kinglet
Cedar Waxwings
Hutton Vireo
Yellow Warbler
Western Tanager
Black-headed Grosbeak
Purple Finch
House Finch
Lazuli Bunting
Spotted Towhee
Song Sparrow

July 2, 1949, Klamath Lake, Klamath County, Oregon; 0500-0520 PST.
Eared Grebe and young
Western Grebe and young
Farallon Cormorants and young
White Pelicans and young of last year, I guess - pretty good size.
Blue Heron
Black-crowned Night Heron near Hank's Marsh
American Bittern
Cinnamon Teal
W. Red-tailed Hawk
Coots
Killdeer
Wilson Phalarope
California Gull
Black Tern
Mourning Doves
Black-billed Magpies
Western Yellowthroats
Lazuli Bunting
Cassin's Purple Finch
Song Sparrow

July 3, 1949, 12-mile Swamp, Benton County Oregon 1300-1330 PDST
with Ard ! !

1246

young Pied-billed Grebes - 3
Blue Heron - 1
Wood Duck F
Vultures everywhere
W. Red-tailed Hawk
Sparrow Hawks
Bobwhites calling
no coots
Killdeer
Mourning Doves
Flicker
Horned Larks seen and heard singing
Barn Swallows and young quite common over swamp. Pair at shed. Visited nest and the young were gone. Large pile of feces on floor under nest. This nest contained 5 well-advanced eggs on June 11, 1949.
Cliff Swallows - adults and young dipping for water north of bridges.
Western Crows perched in dead ash in south end.
Oregon Chickadees
Tule Wrens - one or two heard singing
Robins
Russet-backed Thrush singing
Cedar Waxwings - many
Yellow Warblers
Pacific Yellowthroats
W. Meadowlarks
Northwestern Redwings
Brewer Blackbirds
Black-headed Grosbeak - 1 M in ash west of bridges.
Song Sparrow.

Carp, yellow perch and Oregon Pike seen swimming near bridges. Many bullfrog tadpoles floating on aquatic vegetation near surface. Sparganium simplex just developing heads.

July 10, 1949, Sacramento, Sacto Co. to Jackson, Amador County, Calif. 645 - 730 am

1247

Snowy Egret
Blue Heron
Cooper's Hawk
W. Red-tailed Hawk
Sparrow Hawk
Valley Quail
Killdeer
Mourning Doves
Western Kingibrds
Black Phoebe
Ruddy Horned Lark
Barn Swallow
Cliff Swallow
Interior Calif. Jay
Yellow-billed Magpie
Calif. Plain Titmouse
House Wren
Robin
Western Bluebird
Phainopepla in live oak area
Calif. Shrike
English Sparrow
W. Meadowlark
Calif. Bicolor Redwing
Brewer Blackbird
Lazuli Bunting
Calif. Purple Finch
Sacramento Brown Towhee
Sacramento Spotted Towhee
W. Lark Sparrow
Chipping Sparrow

July 10, 1949, Silver Lake, Amador Co. Calif. 7150' elev. 10 a.m. to 1 p.m.

1248

Rufous Hummingbird
Monterey Red-shafted Flicker
Sierra Yellow-bellied Sapsucker
Wood Pewee
Olive-sided Flycatcher
Blue-fronted Stellar Jay
Clarke Nutcrackers
Short-tailed Mtn. Chickadee
Red-breasted Nuthatch
Black-eared Pigmy Nuthatch
Sierra Creeper
N. Rock Wren in granite boulders
Robin
Sierra Hermit Thrush
Mountain Bluebirds
Golden-crowned Kinglet
Cassin Solitary Vireo
Calaveras Warbler
Golden Pileolated Warbler
Black-throated Gray Warbler
Western Tanager
Black-headed Grosbeak
Cassin Purple Finch
Junco
Chipping Sparrow
Montane White-crowned Sparrow
Montane Lincoln Sp.
Modoc ? Song Sp.

July 10, 1949, Hope Valley, Carson River, Alpine Co. Calif. 1515-1540.

Marsh Hawk F
Montery Red-shafted Flicker
Sierra Yellow-bellied Sapsucker
Robins
Mountain Bluebirds
Cassin Purple Finch
Junco

July 10, 1949, Upper Truckee River, near NW Base, Luther Pass, El Dorado Co. Calif.

Traill Flycatcher
Robin
Rky Mtn. Swainson Thrush
Calaveras Warbler
Calif. Yellow Warbler
Golden Pileolated Warbler
W. Yellow-throat
Western Tanager
Montane White-crowned Sparrow
Modoc ? Song Sparrow

July 11, 1949, Dunnigan-Willows, via Grimes, Colusa County, Calif. 10-11 a.m.

Blue Heron
American Egret
Snowy Egret
Green Heron and young
Black-crowned Night Heron
Vulture
W. Red-tailed Hawk
Red-bellied Hawk
Pheasant and young in ditch-side brush
Killdeer
Avocets were dominated on small pond by
Black-necked Stilts
Black Terns
Common Terns
Mourning Doves -
Burrowing Owl holes in canal dike - water bug and tri-colored redwing remains.
Western Kingbirds common
Ash-throated Flycatchers
Black Phoebe in river-bottom pool area.
Violet-green Swallows
Barn Swallows
Cliff Swallows
Western Crows
Yellow-billed Magpies
Western Mockingbirds
California Shrike
Pacific Yellow-throat
English Sparrow
W. Meadowlark
Yellow-headed Blackbirds
Bicolor Redwings
Tricolor Redwings - [illegible] of merlin at [illegible] rice [illegible] thicket.
Bullock Oriole
Brewer Blackbirds
House Finches.

Southern portion is dry-farmed, but the rice-growing area was rich in species, where most of this list were observed.

No waterfowl on East Park Res., Colusa Co, or Stony Gorge Res, Glenn Co., Calif.

July 11, 1949

Willows to Ord Ferry, Glenn Co. Calif. 1600-1630 PDST.

Farallon Cormorant - young
Blue Heron
American Egret
Green Heron
Bittern - flying with mouth open - hot
Vulture
Sparrow Hawk
Pheasants - 30 along road to Glenn
Killdeer
Black-necked Stilts
Avocets
Black Terns common
Mourning Doves
California Woodpeckers
Nuttall's Woodpecker
Western Kingbirds
Ash-throated Flycatchers
Violet-green Swallows
Barn Swallows
Cliff Swallow - 67 on power lines over river
Western Crow /- a migration flock.
Calif. Shrike
Yellow Warbler
Calif. Bicolor Reawings
Brewer Blackbird
Calif. Purple Finch

July 11, 1949, Bidwell Park, Chico, Butte Co. Calif. 1830-2000 PDST
Pacific Nighthawk
Monterey Red-shafted Flicker
California Woodpecker - many in Q. lobata - heaviest concentration I have seen.
Purple Martins over park area.
Robin Paicfic Yellow-throat English Sparrow Sacramento Spotted Towhee.

July 12, 1949, Table Mtn., N of Oroville, Butte Co. 530-6 a.m.

Blue Heron	Violet-green Swallow	Bicolor Reawing
Valley Quail	Western Crow	Calif. Purple Finch
Mourning Doves	Calif. Plain Titmouse	Lazuli Bunting
California Woodpeckers	Red breasted Nuthatch-live oak	Sacto Brown Towhee
Ash-throated Flycatcher	Chat	W. Vesper Sparrow
Black Phoebe	Rock Wren	Lark Sparrow
Traill Flycatcher	W. Mead owlark	

July 12, 1949, Palermo - Honcut, Butte Co. 630-645 a.m.

Blue Heron	Killdeer	Calif. Woodpecker
American Egret	Mourning Doves	W. Kingbirds - 2 nests on brackets
Pintails - immatures	Mont. Red-shafted Flickers	of pole-cross-arms.
Cliff Swallow	Yellow-billed Magpie	Meadowlark young.

July 12, 1949, Gridley - Butte Cr. on Colusa Road, Butte Co. Calif. 7-745 a.m.

Pied-billed Grebe adults and young
American Egrets
Bitterns
Least Bittern
Black-crowned Night Heron
Mallards
Vultures - dozens
White-tailed Kites
Red-bellied Hawk
Sparrow Hawks chased by Barn Swallows and Kingbirds.
Pheasants - about 2/acre
Killdeer
Black-necked Stilt
Avocet
Black Terns
Mourning Doves
Monterey-Red-shafted Flickers
Nuttall's Woodpeckers
Western Kingbirds
Black Phoebe
young Tree Swallows
Barn Swallows
Cliff Swallows
Western Crows
Yellow-billed Magpies
Suisun Long-billed Marsh Wren
Calif. Shrike
Pacific Yellow-throat
Western Meadowlarks
Bicolor Redwings
Brewer Blackbirds

1256

Blue Grosbeak - a new life-lister for me ! Observed a male in full plumage, light bill, deep, rich blue body, and chestnut bars on wings, singing from fence post top at 4½'. Later sang at 21' on wire line, and 5' and 5½' in low willows. Head slightly crested. This habitat was marshy plants bordering a large irrigation drainage canal about 30 feet wide. Mostly tall herbage, with only scattered willows and small cottonwoods. The birds territory seemed to embrace an area bordering about 150 yards along the SE side of the canal, and back 100 yards from the canal. This site was 1.4 miles E of Butte Creek, and 3.7 miles W of Pennington Road jct.
Lazuli Bunting
Modesto Song Sparrow

July 12, 1949, Gray Lodge Refuge, SW Butte Co. Calif. 750-830 a.m.
The refuge ponds have all been drained except for Deep Lake at the SW corner of the area. A couple of mud puddles exist elsewhere. Much of aquatic veg. has beem cut and disced.

1257

White Pelicans - 6 on the lake
Blue Heron - several perched in tall willows
American Egrets - seemed to be flying all direction from an area on Butte Creek north of the refuge at least 6 miles.
Vultures very common
W. Red-tailed Hawk
Coot - 1 pair seen.
Western Kinbirds
Black Phoebe
Mockingbirds - pair in locust at headquarters
Calif. Bicolor Redwings
Brewer Blackbirds
Common Goldfinches feeding in weed patchers.

July [illegible], 1949, Pennington - Sutter City, [illegible] side of Marysville Sutter.
Mostly wild oak, rock-strewn hillsides with few oaks and cottonwoods.
Occasional:
Vultures, Western Kingbirds, Calif. Shrikes, and Pruple Finches.

1258

July

July 16, 1949, Grass Lake at Luther Pass, 7800' elev. El Dorado Co. 0430-0800
on C.[illegible]&e. [illegible]
Mallards - 4 adults and several young.
Spotted Sandpiper in meadow brook area
Long-eared Owl - 1 in old Jeffrey Pine - gave 3"kee-yows" two times.
Rufous Hummingbirds several pairs
Calliope Hummingbird - 1 pair
Monterey Red-shafted Flicker
Pileated Woodpecker
Williamson Sapsucker working Jeffrey pine
White-headed Woodpecker - working aspen - chased from aspen by wood pewee
Wood pewees and young seem to be the most abundant bird. They were calling long after dark, and occasionally through the night, and at dawn, when I rose.
Western Flycatcher - 1 pair
Olive-sided flycatchers - several calling
Tree Swallow - nest at 15' on N side of aspen in aspen grove
Canada Jays - although clear out of range for this species, I am sure that I heard a flock working through the forest out of eye-sight.
Blue-fronted Stellar Jays
Clarke Nutcrackers
Short-tailed Mountain Chickadees common - 1 nest hole on S side of aspen at 8' at edge of hiway. No underbrush in area.
Robins
Mountain Bluebirds - adults and immatures
Golden-crowned Kinglets - adults and immatures
Cassin's Vireo
Lutescent Orange-crowned Warbler
Yellow Warbler
Audubon Warblers
Black-throated Gray Warblers
MacGillivray Warbler
Pileolated Warblers and young in willow thickets
Nevada Red-wings in lake area
Brewer Blackbirds in lake area
Western Tanagers - 3 males and 2 F seen
Cassin Purple Finches very common - singing
Pine Siskins
Thurber's Oregon Junco
Chipping Sparrows
Montane White-crowned Sparrows in willow thickets
Lincoln Sparrows in willow thickets

July 16, 1949, Hope Valley, S. Fk, Carson R., Alpine Co. 0800-0900

Spotted Sandpiper	Robin	Pine Siskins
Calliope Hummingbirds	Mountain Bluebirds	Thurber Oregon Junco
W. Wood Pewees common	Cassin Vireos	Chipping Sparrows
Barn Swallows	Yellow Warblers	Montane White-crowned Sparrows
Blue-fronted Stellar Jays	Golden Pileolated Warbler	Modoc Song Sparrows
Clarke Nutcrackers	Brewer Blackbirds	
Short-tailed Mtn. Chickadees	Cassin Purple Finches	

July 16, 1949, Woodfords-Markleeville, Alpine Co. Calif. 0900-0920.: White-headed Woodpecker W. Wood Pewee Blue-fronted Stellar Jay Black-billed Magpies
Short-tailed Mtn. Chickadees W. Tree Swallows Mtn. Bluebirds Yellow Warblers
Chipping Sparrows Modoc Song Sparrows

July 16, 1949, Ebbetts Pass, 88-9000' elev., Alpine Co. C.S.H. 4. Clarke Nutcracker Short-tailed Mountain Chickadees Robin Cassin Purple Finch Thurber Oregon Junco Chipping Sparrow Williamson Sapsucker Montane White-crowned Sparrow

July 23, 1949, Yolo By-pass, Yolo Co., W of Sacto. 730-740 a.m.

American Egrets - 100's in area, flying in from north area.
Forster Tern - 25-30 seen over rice and milo fields
California Bicolor Redwings
Brewer Blackbirds

1263

July 23, 1949, Napa River Estuaries and marshes N of San Pablo Bay, W of Vallejo.
830-930 a.m.

White Pelicans - 200-250 seen in ponds, and on the river and in the bay.
Farallon Cormorants - few seen.
Blue Heron - a couple
American Egrets
Snowy Egrets
Mallards - few
Pintails - scattered flocks - no full males
Canvasbacks - few at mouth of Petaluma Creek
Ruddy Ducks - few

Avocets - 4 seen
Western Gulls
Common ~~Gulls~~ Terns
Black Terns
Barn Swallows
Cliff Swallows

Vultures - 20-25 over marsh areas.
Marsh Hawks - 3 or 4
Hudsonian Curlews - few
Long-billed Curlews - 3 to 1 of Huds.
Willets - many (180-200)
Dowitchers - few (40-45)
Marbled Godwits - 5-10
Least Sandpipers - 1000's
Western Sandpipers - 1000's

Suisun Long-billed Marsh Wren
House Finch young - yel-orange wash on belly. Low bush at edge of marsh area.
Common Goldfinches
Samuels Song Sparrow (M.m.samuelis)

1264

July 23, 1949, Bay Shore Drive - Richmond-Oakland, 1200-1250. Windy and foggy.

American Egret
Black-bellied Plovers - 2 in molting or juvenile plumage
Willets very common
Godwits - very few
Dowitchers - few
Least Sandpipers - 1000's
Red-backed Sandpipers - 14 seen
Western Sandpipers - 1000's
California Gulls
Western Gull
Ring-billed Gull
Forster Terns
Common Terns
S. F. Redwings
Calif. Purple Finches
Alameda Song Sp.

1265

July 23, 1949, Lake Merced and Laguna de Merced, SW San Francisco, 1330-1415
Very strong wind, and foggy, visibility ¼-mile.

Pied-billed Grebe
Valley Quail
Coots
Western Gulls
California Gull
Mourning Doves in waste fields
Barn Swallows
Cliff Swallows
Calif. Titmouse
Tule Wren
Robin
Golden-crowned Kinglets
Pacific Yellow-throat
English Sparrows
Brewer Blackbirds
Calif. Purple Finch
S.F.Brown Towhee
Oregon Juncos
Nuttall Wh.crn. Sparrow

1266

July 23, 1949, Seal Rocks, Cliff House, San Francisco 1730. 1/8 mi. visibility.
Strong Winds

Brown Pelicans - 4 seen on rocks
Farallon Cormorants
Heerman Gulls - 45-48 on lee of rocks
Western Gulls
Herring Gulls -3 seen
English Sparrows
Brewer Blackbirds.

1267

July 30, 1949, Stow Lake, Golden Gate Nat. Pkt. Park, San Francisco Co., Calif.

Pied-billed Grebe - 2-downy young
Mallards
Canvasback
Valley Quail
House Finch
Coots
Olive-sided Flyc.

1268

Ruddy-backed Thrush
Br. Bkbd.
Pine Siskins
Nuttall White-crn Sparrows
Santa Cruz Long Spr.

July 25, 19[illegible], [illegible] Camp, S. Fk, American River, Eldorado Co.
Granite outcrops, [illegible] scattered vegetation.
Blue-fronted Stellar Jay
Thurber's Junco

1249

July 15, 19[illegible], Blackbird Forest Camp, S. Fk, American River, El Dorado Co. U.S. 50
noon 1 mile W of Riverton.
Western Kingfisher - 2
Monterey Red-shafted Flicker
Blue-fronted Stellar Jay Black oak, incense cedar, etc.
Sierra Brown Creeper
Robins

1210

July 29, 1949, Williams, Colusa Co. to Willows, Glenn Co. Calif.
5-530 p.m. Grain fields, rice and cattail ditches.

American Egrets - 3
Mallards - 6
Pintails - 4
Pheasants - 7 imm.
Black Terns - 12
Mourning Doves - 4
Western Kingbirds - 2 ad & 3 y.
Barn Swallows - 165
Cliff Swallows - 125
California Shrike - 3
Bicolor Redwings - 1500
Dwarf Cowbird - 2
Brewer Blackbird - 140
House Finch - 75

July 30, 1949, South Poe Valley, Olene-Bonanza Lost River, Klamath Co. Oregon
930-11 a.m. Irrigated valley, and desert scrub areas.

Blue Heron
American Egrets - 3
Mallards
Pintails
Vulture
Sparrow Hawk
Killdeer
California Gull
Ring-billed Gull
Forester Terns
Western Kingbirds
Barn Swallows
Black-billed Magpie
English Sparrows
Western Meadowlarks
Nevada Redwings
Brewer Blackbirds
Lark Sparrows
Western Vesper Sparrows

July 30, 1949, Gerber Reservoir Area, Klamath Co. Oregon. 1130-1300

Canada Geese
Vulture
Western Red-tailed Hawk
Pacific Horned Owl
California Gull
Forester Terns
Tree Swallows
Purple Martins in top of dead pine that was drowned out by inundation
Calif. Long-tailed Jay
Short-tailed Mountain Chickadee
Common Rock Wrens
Black-billed Magpie

Robins
Mountain Bluebirds
Audubon Warblers
Nevada Redwings
Bullock Oriole
BrewerBlackbird
Nevada Savannah Sparrow
Western Vesper Sparrow
Oregon Junco

July 30, 1949, Sprague River Valley from Sprague River-Chiloquin.
Klamath County, Oregon

American Egret
Green Heron
Canada Geese
Mallards
Pintails
Cinnamon Teals
Hooded Merganser
Sparrow Hawk
Valley Quail
Spotted Sandpiper
Ring-billed Gull
Mourning Dove
Western Kingbird
Little Flycatcher
W. Wood Pewee
Wright's Flycatcher
Dusky Horned Lark
Barn Swallow
Cliff Swallow
Blue-fronted Stellar Jay
? ssp White-breasted Nuthatch
Robin
Calif. Shrike
Brewer Blackbird
Lark Sparrow

July 30, 1949, E. side, Klamath Lake, Klamath Co. Oregon. 5-6p.m.

Eared Grebe - few
Western Grebes - 100's
Pied-billed Grebe
Farallon Cormorants
White Pelicans
American Egret
Black-crowned Night Heron
Mallards
Pintails
Cinnamon Teals
Ruddy Ducks
W. Red-tailed Hawk
Osprey - 2 on snag
Coot
Killdeer
Forester Tern
Caspian Tern
Mourning Dove
Western Kingbird
Barn Swallows
Black-billed Magpies
Yellow Warbler
Western Yellowthroat
Nevada Redwings
Brewer Blackbirds

July 31, 1949, Klamath Falls City Park, NW of town, 1130-1215 noon.
Klamath Co. Oregon

Farallon Cormorants
Red-shafted Flicker
Little Flycatcher
Wood Pewee
Olive-sided Flycatcher
Blue-fronted Stellar Jay
Robin
Brewer Blackbird
Cassin Purple Finch

July 31, 1949, Klamath Falls to Oregon-California Line, 1310-1400.

Pied-billed Grebe
White Pelicans
Canada Geese
Pintails
Cinnamon Teal
Ruddy Duck
Vulture
Golden Eagle
Coots
Ring-billed Gull
California Gull
Forestern Tern
Western Kingibrd
Violet-green Swallows
Barn Swallows
Cliff Swallows
Black-billed Magpies
English Sparrows
Nevada Redwings
Brewer Blackbirds
Nevada Spotted Towhee

July 31, 1949, Dorris-Macdoel, Siskiyou Co. California, 1405-1415
Vulture
Mourning Dove
Western Kinbird
Barn Swallows
Black-billed Magpie
Sage Thrasher
Calif. Shrike

July 31, 1949, Grass Lake, 5100' elev. Siskiyou Co. Calif.
Eared Grebes - 2 nearly downy young
Mallards - 17, all in female plumage
Pintails in female plumage
Cinnamon Teal all in female plumage
Canvasbacks - 2 in female p lumage
Coots and orange-billed nearly-downy young
Barn Swallows
Robins
Mountain Bluebirds
Western Vesper Sparrows
Chipping Sparrows nest and young at 18' on south side of Yellow Pine on south side of open grove.
Oregon Juncos

July 30, 1949, Willows, Glenn Co., to Williams, Colusa Co. Calif.
1845-1930, sunset, and after. Calm, and sultry.

Blue Heron
American Egret - 3
Black-crowned Night Heron -
Canada Geese - 4
Mallard - 11
Pintails - 3
Sparrow Hawk -
Black Tern - 3
Mourning Dove
Western Kingbird - 45
Barn Swallows - 56
Cliff Swallows - 7
California Shrike - 9
English Sparrow
W. Meadowlark
Calif. Bicolor Redwings - 282
Brewer Blackbird - 135
Lazuli Bunting
Western Vesper Sparrow - 2

August 2, 1949, Los Banos State Game Refuge, and vicinity, Merced Co. 11 a.m.-noon.
White Pelicans - 3 adults, and one young found dead in road.
Blue Heron
American Egrets - many
Snowy Egrets - 1 to 4 of Americans
Mallards - 2
Pintails - 50
Cinnamon Teal - 6
Vultures
Cooper Hawks
W. Red-tailed Hawks
Marsh Hawk F
Sparrow Hawk
Pheasants - 3 immatures (just planted)
Gallinules - 3 young
Coots and immatures and young (gray)
Killdeer
Greater Yellow-legs - 3
Long-billed Dowitchers
Red Knot - calidris canutus (ruff) - my life lister. Just west of the refuge I observed 60-65 of them just 50 feet from the road, feeding in a shallow, muddy field pond with avocets and stilts. Used 7-x-35 glasses. They were colored much as the spring plumage dowitcher, but the short bill clinched this ob. In breeding plumage yet, and out of range as recorded previously.
Avocets - 1 for 3 stilts
Black-necked Stilts - 2/3 of stilts seen were immatures, with brown-grayish black, instead of pure black plumage. 100-125 seen.
Wilson Phalaropes in winter plumage
Black Terns and immatures or some already in winter plumage. Most in spring plumage.
Mourning Doves
Monterey Red-shafted Flicker- 2
Western Kingbirds
Ash-throated Flycatchers
Black Phoebe
Barn Swallows
Cliff Swallows
Yellow-billed Magpies
Suisun Long-billed Marsh Wrens
W. Mockingbirds
Western Calif. Shrike
Western Meadowlarks
Calif. Bicolor Redwings
Brewer Blackbirds
House Finch
Green-backed Goldfinch

August 2, 1949, San Luis Reservoir Area, W of Los Banos, in Merced Co. 1 p.m.
Western Kingbirds Ruddy Horned Larks W. Meadowlarks.

August 2, 1949, Los Banos - Mendota, Fresno County. 1315-1600 PST. Cotton, grain, and waste fields.
Sparrow Hawk Ruddy Horned Larks Western Kingbirds
Western Kingbirds Ravens - 12 California Shrikes.

August 2, 1949, enroute Fresno, Fresno Co., via 5-c [illegible]. Bright-l[illegible].
Sparrow Hawk Mourning Doves Western Kingbirds Ruddy Horned Larks
Ravens California Shrikes Western Meadowlarks House Finches

August 2, 1949, Fresno and Vicnity, 18-1900. Sparrow Hawk Mourning Dove
Western Mockingbird Robin Meadowlark Purple Finches.

August 2, 1949, Mendota Pool, NE of Menuota, Fresno Co. on San Joaquin River, Marsh and brush and flat areas behind dam, 2 mi. NE of town. Excellent area. Hot and calm when we were there at 1600-1645 PST. With Dan Slater

Pied-billed Grebes - 3
Blue Heron - 4
American Egrets - common (50-75)
Snowy Egrets - common (40-50)
Black-crowned Night Herons - 2
Bittern - 1
Fulvous Tree-duck - Dendrocygna bicolor vagans - saw like glider - after looking in marsh and swamp areas all day, one finally got up in front of Dan, and he asked me if that was a tree-duck since he had never seen one, and knew I was especially looking for them - it was - the white tail band showing plainly as it took off, and as it turned the ruddy undersiae was plain, and it uttered whistle-like notes in flight, and hung its neck extra low when alighting about 75 feet from where it flushed. 3 more flushed from the same 10'-circle of area in the bulrush. Then I clapped my hands to flush some more, but only stilts and avocets rose, and then a minute or two later, 2 more flushed from the same area as the 1st four tree-ducks had flushed. One flew a complete circle around us at a distance of about 100 yards, but the other 5 made only short flights. They appeared just slightly larger than a mallard.
Mallards - 18
Pintails - 40
Blue-winged Teal - 4
Cinnamon Teals - 25
Canvasbacks -female plumage - 3
Ruddy Ducks - 11
Vultures
White-tailed Kites - 2
W. Red-tailed Hawk
Sparrow Hawk
Coots and small young (3" long)
Killdeer - 12
Long-billed Curlew - 7
Greater Yellow-legs - 2 (1 ad, 1 juv)
Red Knots - 15 on mud flats
Red-backed Sandpipers in fall plumage - 45
Least Sandpipers - 60
Dowitchers - 29
Western Sandpipers - 15
Marbled Godwits - 14
Avocets - 35
Black-necked Stilts - 150
Wilson Phalaropes - 70
California Gulls
Forestern Terns - 4
Caspian Terns - 5 on mud flats - flushed and circled about me, giving very raucus call notes. Watched one make a 70'-dive into the San Joaquin River, and come up from complete submergence with a 3½-4" fish held cross-wise in its bill. The fish was a shiny silver color - probably a cyprinid feeding at the surface.
Black Terns - 6 - 1 imm. or winter-adult
Mourning Doves - 30-40
Western Kingbirds
Tree Swallows - 5-600 amassed on power lines near the river, or over it.
Barn Swallows - 20
Cliff Swallows - 1200-1500 on wire lines near or over the river, not associated with the tree swallow flocks
California Shrikes
English Sparrows
Western Meadowlarks Yellow-headed Blackbirds Calif. Bicolor Redwings Oriole nest in willow at 14' on N side. Tree in open.

August 3, 1949, San Joaquin River at Kerckhoff Reservoir (above Millerton Lake) Madera County -

Just before dawn started to brighten some, 2 California Pigmy Owls chattered loudly in tops of [illegible] (reminded me of the jungle owlets in Assam, India). Pallid

Soon after this a couple of Wren-tits sang weakly for a few moments.

Then 3 different California Woodpeckers called out from almost 3 different directions, the latter 2 seemingly in answer to the first caller.

And the for 15 minutes an Ash-throated Flycatcher gave an almost continuous series of 4-syllable, rather unmusical notes. The bird was perched in a bush-top, but no colors were discernable as it was still too dark. I have never heard these notes from this flycatcher.

Other birds seen, after sunrise were:

Valley Quail		
Mourning Doves	Interior Calif. Jay	W. Bluebirds
W. Kingfisher	Calif. Plain Titmouse	Brewer Blackbird
Black Phoebe	Rock Wren	Western Tanagers - 2 feeding on service berry - in F plumage.
Horned Larks	Robin	
House Finch	Sacramento Brown Towhee	

August 3, 1949, Whiskey Creek, 3600&' elev. Trib of Willow Cr. trib. of S.Joaquin. [illegible] County, [illegible]. [illegible]

Vulture Woodpewees common Blue-fronted Stellar Jay Green-backed Goldfinches

August 3, 1949, Bass Lake, on Willow Creek Madera Co. S of Yosemite. 10-12 noon. Goshawk chasing grey digger, which dived into hole. Forest was still afterwards

California Woodpeckers	Cassin's Vireo
Olive-sided Flycatchers	Brewer Blackbird
Blue-fronted Stellar Jays	Calif. Purple Finch
Sierra Brown Creeper	Green-backed Goldfinches - small flocks.
Pigmy Nuthatches - 3	Oregon Junco
Robin	Chipping Sparrows - ad and young.
Sierra Hermit Thrush singing	

7 coots on Manzanita Lake, south of Bass Lake - Willow Creek.

August 3, 1949, Yosemite Valley, Mariposa County, 14-1530.

American egret - circling over valley between El Capitan and Cathedral Rocks and it finally headed north, over ridge just east of El Capitan.

Black Swift - [illegible] niger (borealis) - new life lister - just a short glimpse of 2 of them sweeping across face of south-facing cliff on road to Hetch Hetchy. Their coloration and size were unmistakable, even tho I had not seen them before!

White-throated Swifts - on SW facing cliff between Mariposa Grove and Yosemite Valley.

Blue-fronted Stellar Jays

Robins,

Russet-backed Thrush

Oregon Juncos.

August 12, 1949, Lake Washington, Yolo Co., W of Sacramento. 515-615 p.m. Water levels stable as last winter. Phragmites 8'-9' tall on land, and cattails 8'-8½' above water (it is 5'-10' deep) Excavation of turning basin started 8-7-49.

White Pelicans - 4 Black-crowned Night Herons - 5 Sparrow Hawks - 3

Pheasants - 2 at lake, but alfalfa-ditch-weed-dike areas had several/acre-many imm.

California Gulls common Forester's Terns - 12 on river Barn/ Western Crows

Barn Swallows - 3 at lake, but many cruising over irrigated rice field and Yolo By-pass

Suisun long-billed Marsh Wren California Shrike Calif. Bicolor Redwings

Brewer Blackbirds in mixed flocks with the redwings - flock sizes 25-125 or so.

Aug. 13, 1949, Vallejo Estuary, 815a.m. Solano Co. Calif. Tide nearly in.
12 Marbled Godwits — Suisun Long-billed Marsh Wren
[illegible]

Aug. 13, 1949, Salt marshes - 200 acres - Vallejo(Mare Is.) - Sonoma Creek, 830-1130 a.m. Solano County.

White Pelicans - 135-150
Blue Heron - 10
American Egrets - 50-60
Snowy Egrets - 2
Black-crowned Night Heron - 4
Bittern - 2
Mallards - 30 - 35
Pintails - 600 - 750
Vultures - 4
White-tailed Kites - 2
W. Red-tailed Hawk - 1
Marsh Hawk - 2
Killdeer - 1
Willets - 30-40
Marbled Godwits - 10-12
Western Sandpipers - 5
Avocets - 350-400

California Gulls - 40-50
Black Terns - 15-20 imm. or molts.
Rough-winged Swallow - 1
Barn Swallow - 180-200
Cliff Swallow - 30
Suisun Long-billed Marsh Wren
Pacific Yellowthroat - 1F or imm.
Calif. Bicolor Redwings - 7
House Finches - peach-orange red - 6
Bryant Savannah Sparrow - 5 (P. s. bryanti)
Chipping Sparrow and young - ?
Samuel Song Sparrow - 75 - 100.

Aug. 13, 1949, Benicia, Solano Co. Calif. Noon. Arm off Carquinez Straits.

White Pelicans - 5
American Egrets - 3
Western Gulls
California Gulls
Forester's Terns - 8 - 10
Marbled Godwits
Willets
Black-bellied Plover
Western Sandpipers
Least Sandpipers

Least Terns (S. a. browni) - a new life-lister - West edge of city limits at Spenger's Ferry Boat House. This noon I spotted 3 very small terns with several other short-tailed ones that proved to be Forester's Terns in various stages of plumage. The 3 smaller ones had dusky bills, more yellow at the base, and the legs were distinctly yellowish instead of orange-red as in the Forester's. Their call was higher pitched than the Foresters. Also they had dark patches on the wings not present on the Foresters. There is little doubt in my mind that these were least terns. All these terns were working together against a north wind along the east side of the [illegible], hovering [illegible] plunging below the surface whenever they spotted a fish, or other item of food. They would work upwind 50 yards, and then drop swiftly back to the "foot" of the [illegible], and [illegible]. [illegible] catch on the wing, and then proceeding with the fishing. This section of the bay has a narrow strip of sandy beach, with some emergents such as S-s [illegible] and cat-tails on the land-side of the sand areas. Rocks protruded from the bay in shallow water. Murky water.

Aug. 13, 1949, 6-mile unimproved road N & NE of Denverton, Solano Co. Barren grasslands. 1330-1400

Sparrow Hawks
Burrowing Owls - 2 on earthen dike, and 6 perched on top rails of small corral tied against fence. They flew when I stopped within 5 feet of them, but one adult came back and lit opposite me, ducking its body as it gave a scolding note. These birds seemed quite richly colored, compared to faded individuals I've seen elsewhere.
Kingbirds - 2 immature Westerns /just W of Dixon-Rio Vista road.
Western Crows - 4
California Shrike
Western Meadowlarks - 100's along this road, in tall grass along fencerow.
Oregon Vesper Sparrow - just 3 seen
W. Lark Sparrows - 3 or 4 seen, and a couple of others heard.

August 16, 1949, Sacramento to Nicolaus, Sutter Co. 830-9.5 a.m.

Blue Heron - 1
Mourning Doves - 18
Vultures - 4
Valley Quail - 6
Monterey Red-shafted Flicker - 2
California Woodpecker - 1
Western Kingbirds - 8 (7 in one bunch)
Ash-throated Flycatcher - 1
Barn Swallows - 140
California Jay - 9
Yellow-billed Magpies - 2
English Sparrows - 40
Calif. Purple Finches - 97

August 16, 1949, Nicolaus - Marysville, Yuba Co. 915-945 a.m.

Red-bellied Hawk - 1
Mourning Doves - 25 most in drier sections away from river. Common in osage-orange fence row
Cliff Swallows - 200 (many immatures)
Yellow-billed Magpies - 4
Calif. Plain Titmouse
Brewer Blackbird - 150 in flooded pasture.
Calif. Purple Finch - 2
Common Goldfinch - 40-50

August 16, 1949, Yuba City, Sutter Co-Colusa, Colusa Co (via Meridian Road, NE side of Sacramento River - Milo, alfalfa, rice, beans in by-pass, Johnson Grass walnuts, squash, apples and prunes are some of crops.

American Egrets
Anthony's Green Heron
Vulture feeding on freshly-killed jack
Pheasants - chicks
Mourning Dove
Sacramento Spotted Towhee
Black Phoebe - 1
Cliff Swallow - 300-350
Calif. Bicolor Redwings
Brewer Blackbirds
Calif. Purple Finch
Sacramento Brown Towhee

Aug. 16, 1949, Colusa, Colusa Co - Butte Creek, on Gridly Road, Butte Co. (along Sacramento River, and through west side of Butte Sinks. PUT OUT [illegible]-ACRE FIRE

Pied-billed Grebe [illegible] Flicker
Blue Heron
American Egrets
Vultures
Marsh Hawk
Sparrow Hawk
Pheasants
Mourning Doves
/ clocked one for ¼-mile at 38 m.p.h.
Calif. Woodpecker
Tr aill Flycatcher
Barn Swallows
Cliff Swallows
Yellow-billed Magpies
Western Crows
California Shrike
[illegible] Swallows - [illegible]
Brewer Blackbirds
Tricolor Redwings - flock of 4-5000 (loose) in marsh-willow area along irrigation ditches - cattails
Sacramento Spotted Towhees
Western Kingbirds- many ad. and imm.

August 16, 1949, Gray Lodge State Refuge, SW Butte Co. 1500-1430. Clear and light breeze blowing. Pond areas have been cleared and plowed, and disced and burned this summer, and just this week they started flooding some of the ponds. Birds !

Pied-billed Grebe - on deep Lake
White Pelican - 3 on Deep Lake
Blue Heron - 1
American Egrets - 25-30
Snowy Egrets - 45-50 - found rookery 1.5 miles west of Block on Cameron Road Lat. N 39° 21' " and Long. W 121° 44' " (R 2 E, T 17 N, Sec 3-4 MDB&M). There were about 250 of both species in the oak grove north of Cameron Road at this point. Empty nests could be seen from the road, ¼-mile away!
Green Heron- 1 immature
Black-crowned Night Heron
Bittern
White-fronted Geese - 2 and 5 seen, and John Cowan says they are crips that have been somewhere in the area all summer, but just showed up this week with the flooding of the ponds.
Mallards - 500 - Jim Blaisdell says trapping has been mostly all old females all the early part of the month, but now getting equal sexes, of same age - molters.
Gadwall - 1 in trap
Pintails - 3500

OVER

OVER

Aug. 16, Gray Lodge continued:
Green-winged Teal
Cinnamon Teal
Vulture
W. Red-tailed Hawk
Sparrow Hawk
Pheasants - some seen, but not very many in evidence - are in hiding while they are molting at this time.
Greater Yellow-legs - 50-60
Lowitchers - 1 flock of 250-300
Least Sandpipers - about 50
Avocets - 30
Black-necked Stilts - 300 adults and immatures
Wilson Phalaropes - two small detached flocks of 30 and 50-60. Winter plumage white rumps and all.
Mourning Doves - few
Western Kingbirds - few
California Shrikes - 5
Western Meadowlarks - 2
Calif. Bicolor Redwings -
Tricolor Redwings - one flock of 75 or so.
Brewer Blackbirds ?

August 19, 1949 Lithia Park, Ashland, Jackson County, Oregon 1230-1700. Calm, cool.

Band-tailed Pigeons - few in Lithia Park valley.
Pacific Nighthawks - 5 or 6 seen late in p.m. with Swifts
Vaux Swifts - 40-45 over park late in p.m.
Rufous Hummingbirds several - 2 fighting and diving
Monterey Red-shafted Flicker - 2 seen
Hairy Woodpecker - 1 working black oak snag near yellow pine forest.
Blue-fronted Stellar Jay - several - scolding all p.m.
Robins
Western Tanagers - females and/or immatures common in park and hillside brush.
some feeding on manzanite berries.
Pine Siskins in pines, spruce, and fir of park and nearby hills

August 27, 1949, American R., S. Fk, El Dorado Co. 8-11 a.m. to Mosquito,
Garden Valley and Coloma. Through yellow pine, cedar, blk. oak, and lower.
Sparrow Hawks - dipped when I honked the horn.
Valley Quail below 1800'
Mountain Quail - several pair seen in brush and forests above 2200'.
Mourning Doves - 10-15 seen
Monterey Red-shafted Flicker - 2 or 3 at Coloma
California Woodpeckers in all of area.
Interior Calif. Jays
Plain Titmice
Rabid Wren-tit calling - partial call
Cassin Vireo in ~~live~~ black oak.
Purple Finches
House Finches - [illegible]
Green-backed Goldfinches, [illegible]
Lawrence Goldfinches
Sacramento Brown Towhee
Fox Sparrows - many in grass areas above 2000' elev. On ground and in trees.

Ged - Got this finished tonight Ed. Probably best and Lt. Lt. Grimm - Assistant refuge as haven't left field note

TULE LAKE AND LOWER KLAMATH WILDLIFE REFUGES, NORTHERN, CALIFORNIA

August 27 to September 1, 1949 inc.

1211

Eared Grebe - several on Tule on Aug. 27
Western Grebe - Tule on Aug. 27
White Pelican - one seen on ditch on state line highway on Aug. 29 and 30.
Farallon Cormorant - Tule lake flock on island Aug. 27. One dead probably from botulism on Lower Klamath on Sep. 1.
Blue Heron - Lower Klamath - individuals seen occasionally from Aug. 27 to sep. 1.
American Egret - Seen on Lower Klamath in small flocks from August 27 to Sep. 1. More numerous than the
Snowy Egret - In small flocks or individulas on Lower Klamath
Black-crowned Night Heron - Lower Klamth Aug. 27 and 30.
Canada Goose - Numbers in the thousands. 5 in duck hospital .
Mallard - Numbers in the thousands. Next to pintails most common patient in duck hospital for botulism. Many more males than females. Males just beginning to gain back some of full plumage Some show touches of green on their heads.
Gadwall - Numers on the hundreds on the area. Occasional individuals come into the hospital.
Baldpate - Numbers in the ~~XXXXXXXX~~ probably over a thousand on Lower Klamath. Duck hospital ~~XXXXXXXX~~ had only two or three a day from August 27 to 30 after which they became more numerous until around 10 come in now.
Pintail - Numbers in the thousands on the area. Most common patient in the hospital. Probably 75% of the patients are pintails. Stage in moult about same as mallards.
Green-winged Teal - Most common patient in hospital next to mallards and pintails. ~~XXXXXXX~~ over a thousand in the area.
Cinnamon Teal - Not quite as many in hospital as green-wings.
Shoveller - Around 8 come into hospital per day during last part of this period. Not so numerous August 27, 28, and 29. Shovellers tend to peck the other birds in the cages and ~~XXXX~~ fight more.
Redhead - Havn't seen any other than what has come into the hospital although there are supposed to be quite a few in the area. About 4 have come into the hospital.
Lesser Scaup - One young one arrived at the hospital on August 31. Sargeant says some nest on the area. The young one was Class III.
Turkey Vulture - A few on Lower Klamath feeding on the duck carcass es.
Western Red-tail - 2 seen on south side of Lower Klamath on Aug. 27.
Marsh Hawk - A few over area.
Sparrow Hawk - 4 on south side of Lower Klamath on Aug. 30.
Valley Quail - Covey at refuge headquarters.
Chukar Partridge - 5 or 6 ~~home~~ around the house here at refuge headquarters. They are quite tame. They are from the steep rocky hill above here.
Ring-necked Pheasant - Lots of them on the dikes in the weeds and around refuge headquarters.
Coot - Some seen on Lower Klamath and Tule. 2 have come into the hospital.
~~XXXXXXXXXXXXXXXXXXXXXXXX~~
Semi palmated Plover - Saw one on Lower Klamath with a flock of western sandpipers on August 30.
Killdeer - a few around.
Greater Yellow-legs - Flock of 5 on Lower Klamath on August 30.
Least Sandpiper - Flocks on Lower Klamath every day. Don't seem to be as numerous as western sandpipers. Picked up 3 botulism victims.
Western Sandpipers - Thousands on the area. Have picked up 6 botulism vic

continued on back time.

1211

XXXXXXX
Dowitcher - Probably thousands on Lower Klamath. Next to least and western sandpipers most numerous shorebird. Have collected 7 botulism victims.
Marbled Godwit - Saw a few on Aug. 27 on Lower Klamath. Have seen one botulism victim of this species.
Avocet - Small flocks on Lower Klamath - These birds are dying in considerable numbers of botulism. Lots of them dead.
Black-necked Stilt - Only one I have seen is one which came in from Lower Klamath on Sep. 1.
Northern Phalarope - Several flocks numbering around 25 birds seen on Lower Klamath on Sep 1. Picked up 2 botulism victims.
Ring-billed Gull - Gulls in numbers on the area. All dead ones I have seen from botulism have been ring-bills.
Forster's Tern - Flock of arund 75 on Lower Klamath on Sep 1.
Mourning Dove - seen in surrounding area. Not too many.
Barn Swallow -
Magpies
Ravens
Rock Wren - singing above headquarters.
Robin - Headquarters
Yellow Warbler - headquarters in shade trees Sep 1.
English Sparrow - headquarters.
Yellow-headed Blackbird - in irrigated area near town on Aug. 27.
Red-wing - singing around headquarters on August 29.
Brewer's Blackbird - small flock at headquarters.
Goldfinch - headquarters - flock on Sep 1.
House Finch - singing at headquarters on Sep 1.
Song Sparrow - headquarters from Aug. 27 to Sep. 1.

Lesser Snow Goose - saw two on Tule on Aug. 27.

August 29, 1949, Carson River Valley, near Minden, Douglas Co., Nevada. 1350PST.
Vultures common, Sparrow Hawks, Black-billed Magpies, Nevada Meadowlarks.

Aug. 29, 1949, Lahontan Reservoir, Lyon-Churchill Co., Nevada 1400-1430PST.
Western Grebes - 50-70
White Pelicans - 6
Farallon Cormorants - 25
Mallards - 7
Pintails - 3
American Mergansers - 2
Killdeer - 5
Western and/or Least Sandpipers
California Gulls - 1 8
Ring-billed Gulls - 7
Horned Larks (Warner ?)- small flocks of 15-25 each

Aug. 29, 1949, Fallon-Stillwater Irrig. area, Churchill Co. Nevada, 1500-1745 PST
Glossy Ibis - 54 seen
Sparrow Hawk
Pheasant immature
Mourning Dove - 35-40
Pacific Nighthawk - 30-40
Western Kingbirds
Barn Swallows - small flocks
Cliff Swallows - 5-10
Black-billed Magpies -8-10
Nevada Meadowlarks - 100's

Aug. 30, 1949, Stillwater Refuge (U.S.F.W.S.), Churchill Co. Nevada 1745-[illegible]PST
Snowy Egrets - [illegible]
Western Grebe - 150
Blue Heron - 2
Farallon Cormorant - 10
White Pelicans - 40
Bittern
Cinnamon Teal - 30-35
[illegible]
Coots - 5,000-6,000
Killdeer - 30-40
Ruddy Duck - 2
Wilson Phalarope - 6
Caspian Tern - 75
[illegible]
California Gull
[illegible]
Yellow-headed Blackbird - 2
Nevada Meadowlarks - 100's
Brewer Blackbirds - 250-300

August 30, 1949, Silver State Gun Club Marsh NW of Leetville Jct. Churchill Co. Nevada - 1130-1140 a.m.PST
Glossy Ibis - 35-37
Mallards - 7
Gadwalls - 4
Cinnamon Teal - 8
Blue-winged Teal - 2
Shovellers - 7
Ruddy Duck- 2
Coots - 25
Avocets - 12
Barn Swallows - 50-100
Yellow-headed Blackbird -
Nevada Meadowlarks

Aug. 30, 1949, Fernley Sink, Lyon Co. Nevada, 1300-1350 PST.
Mallards - 4
Cinnamon Teal or Blue-winged Teal - 5
Green-winged Teal - 2
Snowy Plovers - 35-40 on mud flats - 1 downy young not over 1½-2" body length.
Killdeer
Dowitcher
Western Sandpipers - 10-12
Avocets - 6
Northern Phalaropes - 10
Mourning Doves - 2
Western Kingbirds - 2
Barn Swallows -

Aug. 30, 194[illegible], Humboldt Flat, S. Churchill Co. Nevada - 1445-1500PST.
Snowy Egret - 6
Mallards - 10
Pintails - 60-65
Cinnamon Teal - 4
Coots - 3
Say Phoebe
Stagnant, clear, rich waters.

NEW LIFE-LISTER
Gray Flycatcher (E. griseus) - in dry wash on greasewood on south end of Humboldt Range
Horned Larks (Warner ?)- 5
Ravens - 2

Aug. 30, 1949, Graveyard Slough, U.S. 40, SW of Lovelock, Pershing Co. Nevada - 1800PST
Pied-billed Grebe - 1
Snowy Egret - 3
Pintail - 3
Cinnamon Teal - 2
Marsh Hawks - 2
Mourning Dove - 2
Pacific Nighthawk - 2
Barn Swallows - 30-35

August 30, 1949, Toulon Sink, SW of Lovelock, Pershing Co., Nevada, 1500-1730PST.
White Pelicans - 10
Blue Heron 25-35
Snowy Egret - 45
American Egret - 1
Glossy Ibis - 900-1000
Mallard - 1500&
Gadwall - 75-100
Pintail - 8,000
Blue-winged and Cinnamon Teal - 2200
Green-winged Teal - 500-550
Shoveller - 30-40
Vulture - 2
Marsh Hawk - 1
Coots - 800-1000
Snowy Plover - 300
Killdeer - 200-250
Dowitcher - 1500
Western Sandpipers and Least Sandpipers - 4000
Avocets - 3500-4000
Black-necked Stilt - 200-250
Wilson Phalaropes - 75-100
Northern Phalaropes - 300-350

*6-8 dead pintails and cinnamon or blue-winged teals in less than ½-acre area of upper Toulon Sink. Also dead were avocets, stilts, and killdeer. One dying stilt had legs folded and didn't have strength to use wings to

August 31, 1949, Lovelock Irrigation [illegible], 2 mi. S of Lovelock, Pershing Co., Nev.
0600-0715, light southerly breeze, cool
Alfalfa fields, wet pasture, greasewoods, and ditches and sloughs and ponds, with some willows and cottonwoods.

Blue Heron - 5
Snowy Egret - 1
Black-crowned Night Heron - 3
Glossy Ibis - 2
Canada Goose - 1
Mallard - 125
Gadwall - 7
Pintail - 45
Cinnamon and Blue-winged Teal - 90
Green-winged Teal - 27
Ruddy Duck - 2
Red-tailed Hawk - 6
Marsh Hawk - 1
Sparrow Hawk - 1
Valley Quail - 41
Pheasant - 18 young near greasewood in gravel rd.
Virginia Rail - 1 immature.
Wilson Snipe - 2
Killdeer - 1
Solitary Sandpiper - 5 in mud flats of small pond.
Dowitcher 7
Avocet - 2
Northern Phalaropes - 8
Rock Doves
Mourning Doves - 74
Pacific Nighthawk - 6 around cottonwoods
Red-shafted Flicker - 5
Horned Lark (Warner ?) - 12
Barn Swallows - 75
Black-billed Magpies - 65
W. Crows - 7
Ravens - 2
Western Marsh Wren - 1 singing
Robin - 12
English Sparrow - 1 flk of 250 in greasewood
Meadowlarks - 8
Yellow-headed Blackbird - 2
Nevada Redwings - dozens
Brewer Blackbird
Nevada Savannah Sparrows - 40-50
Brewer Sparrows - 15-20 in greasewood. Inms. singing.
Modoc Song Sparrows - 3-4.

September 2, 1949, Grass Lake, Siskiyou Co. California, 5000' elev. 545 a.m. 58°F.

[illegible] Grebe - [illegible]
Canada Goose - 1
Mallards - 12
Gadwalls - 35
Pintails - 18
[illegible] - 18
Barn Swallows - 18
Black-billed Magpies - 18 - also near Summit - 2 5200' elev.
Mountain Bluebirds
Brewer Blackbirds
/Steller Jay (Blue-fronted)

Sept. 2, 1949 Butte Reservoir area (Now farmed) N. of Macdoel, Siskiyou Co. Calif.
615-715 a.m. [illegible] bordering [illegible] on edge of hills.

Mallards - 4
Marsh Hawk
Sparrow Hawk
Valley Quail - 16
Pheasants
Mourning Doves - 3
Dusky Horned Larks
Black-billed Magpies
Oregon Chickadees
Western Long-billed Marsh Wren
Western Robin
Mountain Bluebirds
Audubon Warblers - 7
W. Meadowlarks
Brewer Blackbirds
Common Goldfinch
Green-tailed Towhee
Nevada Savannah Sparrow
W. Lark Sparrows
Modoc Song Sparrow

Sept. 2, 1949, Oregon-Calif. line, to [illegible] Oregon 730-755 a.m.
Mallards
Green-winged Teal
Marsh Hawk
Black-billed Magpie
Yellow-headed Blackbird
Brewer Blackbird
Common Goldfinches
(at 65 m.p.h.

Sept. 2, 1949, E side, Klamath Lake, Oregon, 820-9 a.m.

Holboel's Grebe
Horned Grebe - 75
Western Grebes 100's
Farallon Cormorants - 7
White Pelicans - 9
American Egrets - 3
Redheads - 12
Ruddy Duck - 1
Sparrow Hawk
Coots - 50
Ring-billed Gulls
Caspian Tern
Forestern Tern
Mourning Dove - 1
Red-shafted Flicker
Black-billed Magpies - 75
California Jays - 2
[illegible]
Nevada Meadowlarks
Brewer Blackbirds

September 2, 1949, Fern Ridge Reservoir, Lane Co. Oregon, 1230-1430PST
Hot, with a north wind. Clear.

Pied-billed Grebe
Farallon Cormorant - 6
White Pelicans - 68
Blue Heron - 2
American Egret - 3
Mallards - 40
Pintails - 80
Cinnamon or Blue-winged Teals - 11
Vultures - 5
Sparrow Hawk
Pheasant
Western Sandpiper
Least Sandpiper - 50
California Gull - 5
Killdeer
Horned Larks
Violet-green Swallows
Barn Swallows
Slender-bill Nuthatch
Pacific Yellow-throat
Common Goldfinch
Oregon Spotted Towhee
Brooks Savannah Sparrow

Travel from old Elmira Road around E side to NE Dike and then to dam area.

Sept. 4, 1949, [illegible], Lane Co. Oregon. [illegible] a.m.
Very little open water. Middle & south end.

Blue Heron
Blue-winged or Cinnamon Teal - 4 molting birds north of west bridge. Tan color almost white, indicating they are probably Blue-wings.
Barn Swallows - 75-100 - nest last reported still present, empty.
Tule Wren - 1 heard - no full song, however.
Brewer Blackbirds
Green-backed Goldfinches
Rusty Song Sparrows

LAHONTAN VALLEY, CHURCHILL CO., NEVADA

AERIAL CENSUS OF WATERFOWL IN THE VALLEY

September 9, 1949. Took off from Fallon airport at 9:30am and landed at 11:45am. Took off again at 1:25 and landed at 2:25 pm

SODA LAKE

Mallard	100
Pintail	200
Ruddy Duck	112
Coot	300
Unidentified waterfowl	300
Total	912

LAKE SEVERAL MILES NORTHWEST OF TCID OR GREENHEAD CLUB (COMMUNITY) PASTURE

Pintail	400
Mallard	150
Total	550

LAKE SEVERAL MILES WEST OF GREENHEAD CLUB PASTURE

Pintail	100
Mallard	50
Green-winged Teal	50
Unidentified waterfowl	150
Total	350

TCID PASTURE

Canada Goose	600
Mallard	500
Pintail	1000
Green-winged Teal	100
Unidentified waterfowl	3900
Total	6100

RATTLESNAKE RESERVOIR

Coot	300
Unidentified ducks	300
Total	600

KENT'S DUCK POND

Pintail	75
Other waterfowl	25
Total	100

Total for Mgt. Area 11,140

Total for Valley 22,462

END OF CARSON RIVER

Canada Goose	100
Unidentified waterfowl	1800
Total	1900

CANVASBACK GUN CLUB

Green-winged Teal	10
Coot	200
Unidentified waterfowl	600
Total	810

INDIAN LAKES

Unidentified waterfowl	800

STILLWATER PT. RES.

Coot	1200
Unidentified waterfowl	600
Total	1800

FOXTAIL FLAT AND TWO PONDS TO NORTH

Pintail	100
Baldpate	50
Coot	900
Unidentified waterfowl	150
Total	1200

BIG WATER AND NUTGRASS

Canada Goose	1500
Mallard	75
Baldpate	200
Pintail	1200
Green-winged Teal	300
Shoveller	50
Coot	150
Unidentified waterfowl	2800
Total	6275

REMAINDER OF MGT AREA

Canda Goose &	85
Mallard	30
Pintail	100
Coot	350
Unidentified waterfowl	500
Total	1065

48 miles.

Sept. 24, [illegible] - [illegible]. [illegible]. 1314
Vulture - 1
Sparrow Hawk - 4 Calif. Shrike - 1/20 miles House and Purple Finches - flocks
Mourning Dove - 1 W. Meadowlark - 2 at about 530 p.m.
3,000-5,000 pintails and 750-500 Gr-wing Teal/ of Suisun Bay & S of Cordelia

Sept. 24, 1949, Vallejo Estuary, Napa River, Solano Co, Calif. 0800-0830 a.m.
at CSH 48 brige

Pied-bill Grebe - 3	Avocets - 175
American Egret - 7	Western Gull - 2
Coots - 3	California Gull - 10
Black-bellied Plovers - 40	Ring-billed Gulls - 25
Killdeer	Monterey Red-shafted Flicker
Willets - 25	Long-billed Marsh Wren
Godwits - 50	English Sparrows
Western Sandpipers and	W. Meadowlarks
Least Sandpipers	Calif. Bicolor Redwings Brewer Blackbirds.

1311

Sept. 24, 1949, Vallejo Estuary, Napa River to Sonoma Creek, Solano Co. Calif.
0850-0915

Pied-billed Grebe - 2
White Pelicans - 27
Calif. Blue Heron - 7
American Egrets - 18
Snowy Egrets - 2
Pintails - 135 seen. Of 56 sexed birds, 18 were either full males, or immatures just turning, and 38 were females, immature females, or males.
Green-winged Teal - 4
Lesser Scaups - 3 on Sonoma Creek, below CSH 48 bridge.
White-tailed Kites - 2 over stubble fields
Marsh Hawk - 1 pair harassing the ducks on these marshes
Western Willets - 16
Pectoral Sandpipers - 1 flock of 7 seen.
Yellow-legs - 2
Western Sandpipers - 8
Least Sandpiers - 75
Northern Phalaropes - 28
California Gulls - 4
Ring-billed Gulls - 7
Long-billed Marsh Wren - 5
Samuel's Song Sparrows - 1/30 feet of ditchside that was lined with Baccharis.

1318

Sept. 24, 1949, S. Fran. Bay, just Sof Richmond, and NE of Golden-Gate Fields.

Eared Grebe	Red-backed Sandpipers - 5
Pintails - 350	Western Sandpipers - 80
Sparrow Hawk - 2	Herring Gull adults and imms. feeding on Farallon
Killdeer	Forester's Terns on pilings. Cormorant viscera.
Godwits - 15 & 10 & 3	W. Meadowlarks
Western Willets - 60 & 165 & 120 in face of wind, but low in salicornia, etc.	

1312

Sept. 24, 1949, Jewell Lake, Tilden Park, Berkeley, Alameda Co. 1130-1150 a.m.
Mallards - 8 & 1 marked F with 2 silver plates (Gullions) both hanging from the right side. This female was feeding at the north end with a Baldpate female.
Mountain Quail - certain of 1, heard it first on west side of lake.
Coot - 1 unmarked, on SE corner of lake
Red-shafted Flicker
Black Phoebe - 2 Coast Stellar Jay Intermediate Wren-tit calling
Long-billed Marsh Wren W. Meadowlark House Finch singing in Baccharis
Green-backed Goldfinch Santa Cruz Song Sparrow (M.M.santacrucis).
Pine Siskins.

1322

September 17, 1949, Sacramento to Franklin, Sacto. Co. Calif. 0745-0830.

[illegible]-tailed Kites - 2 hovering over field 8 mi. south of Sacto. One above, no catch.
[illegible] - 3 seen - one dipped momentarily when I honked the horn.
[illegible] Hawk
Killdeer
Barn Swallows - 7 or 8 (immatures) over open water in sump area.
Yellow-billed Magpies
Western Crows
California Shrike
. Meadowlark
Calif. Bicolor Redwings
Brewer blackbirds
House Finches
Oregon Vesper Sparrows.

Sept. 27, 1949, Mokelumne R., near jct. with Cosumnes, Sacto-San Joaquin Co. Calif.
Pied-bill Grebe
[illegible] - 8
Sparrow Hawk
Tree Swallows - 750-800, mostly immatures, feeding at plant top level over large alfalfa field. 8 miles [illegible] of Galt, Calif.
Interior California Jay
Yellow-billed Magpies - 6
Western Robin
Western Meadowlark
Oregon Vesper Sparrow
Gambel white-crowned sparrow.

Sept. 27, 1949, Galt, Sacto Co to Clements San Joaquin Co. Calif. 0830-0845.
Sparrow Hawks common
[illegible]
Monterey Red-shafted Flickers
Ruddy horned Lark
W. Mockingbird - in fence row. One in Galt singing from telephone pole top.
Yellow-billed Magpie - perched in live oak, and cucked vigorously when I honked.
California Shrike
. Meadowlarks
Calif. Bicolor Redwings
Brewer Blackbirds
Calif. Purple Finches
House Finches
Common Goldfinches
Oregon Vesper Sparrow

Sept. 27, 1949, Moran (Calaveras) Reservoir, Calaveras R., Calaveras Co. Calif.
[illegible]-billed Grebe
[illegible]-tailed Cormorants - 5
White-Pelicans - 25 last week
Blue Heron - 2
American Egret - 6
Canada Geese - 15-20 arrived Aug. 25.
Mallards - 8-10 summered here
Sharp-shinned Hawk
W. Redtailed Hawk
Sparrow Hawk
Valley Quail - 30 total, all but 8 [illegible]
Killdeer
[illegible]
[illegible]
[illegible]
[illegible]is Woodpecker - 4 i[illegible]
[illegible]
Nuttall Woodpecker
Black Phoebe - 5
Say Phoebe - 1 on dead snag in open
. Wood Pewee catching skipper-moths.
Calif. Horned Lark /usual call.
Violet-green Swallows
Tree Swallows
Calif. Plain Titmice
Slender-billed Nuthatch in blue oak
Canyon Wren - 1 scolding me/in serpentine
Western Bluebirds -ad.&imm. /area.
Calif. Shrike
. Meadowlarks
Brewer Blackbird
Green-back Goldfinch
Sacto.Spotted Towhee
Calif. Brown Towhee
. Lark Sparrows.

Sept. 27, 1949, [illegible] Pond N of Valley Springs, 2 mi. S of Parade Dam, Calaveras Co.
Mallards - 50-60
[illegible]apates - 350-375
Pintails - 180-200
Green-winged Teal - 8
[illegible]eads - 16
Lesser Scaups - 45 (only 9 females).
Sparrow Hawk -
Killdeer
Mourning Dove - 2
Red-sh. Flicker
Calif. Woodpecker
Black Phoebe
W. Bluebirds 1130 a.m.
Calif. Shrike
. Meadowlark
Brewer Blackbird
Green-back Goldfinch
. Lark Sparrows in fields.

[illegible] OVER

Sept. 27, 1949, Pardee Lam and Reservoir, Mokelumne R., [illegible] Co. Calif.

Eared Grebe - 1 winter plumage
Farallon Cormorants - 25-30
White Pelican - 1
Blue Heron - 2
Canada Geese - 60
Ducks, unidentified - 100
Vulture
Valley Quail - 10 seen in Aaenostoma
Coots - 500-600
Band-tailed Pigeons - 7
Mourning Doves - 3

Ruday Horned Larks 1145-1150.
Inter. Calif. Jay
Calif. Plain Titmice
House Wren
W. Bluebirds
W. Meadowlarks
Green-backed Goldfinch
Brewer Blackbirds
Lawrence Goldfinch- 5
Sacto. Spotted Towhee
Calif. Brown Towhee

McFADDEN'S SWAMP, CORVALLIS, BENTON CO., OREGON

September 29, 1949 1:30pm to 3:30pm
Weather - cloudy

Water still low, but covers most of main part of swamp north of the road. Much Carex still out of water on the south side.

Pied-billed Grebe - Watched one make a submarine dive at the far south end of the swamp.
White-fronted Goose - Flushed one from the main part of the swamp down by the island. The bird went about 600 feet and lit again, where I got a good look at it. Was an immature.
Mallard - About 25.
Pintail - About 15.
Green-winged Teal - 10.
Wood Duck - one.
Virginia Rail - Flushed one, which flew!
Wilson's Snipe - flushed about 5.
Crows
Oregon Chickadee
Robin - Heard a small flock.
Cedar Waxing - flock flew over.
Yellow-throat
Red-wings - flock of about 75 came in at 3:30.
Goldfinch
Oregon Towhee
Savannah Sparrow - along the fencerow going in.
White-crowned Sparrow - by the shed.

...tember 30, 1949, Willamette Pass summit, Deschutes-Lane Co. Oregon. 7 a.m. 5000' elev.
...ast Stellar Jay Ravens Robins

...pt. 30, 1949, 12-mile Swamp, Bruce Sta., Benton Co. Oregon. 9:30 a.m.
...ed-billed Grebe Coots - 5 Puget Sound Sparrow
...laro - 2M Tule Long-billed Marsh Wren W. Song Sparrow.
...tures - 2

...ctober 3, 1949, Huckleberry Hill, S of Beaver Creek, Lincoln Co. Oregon. All day.
...ific Loon - 1 winter plumage
...rn Pelicans - several - immature or winter plumage. common at Yaquina Bay, too.
...llon Cormorants
...ras Cormorants
...pates - no full males - 6 on Beaver Creek
...tails - no full m - 3 on Beaver Creek
...ll Scoters - 20-25 feeding 100 yards beyond the breakers for at least 5 hours in a.m. and in approximately the same spot.
...p-shinned Hawk
... - ... Wandering Tattler - new Life-lister - Heteroscelus incanus
... long. Very erratic flight - slim-looking. 3-4 syllable melodic note in alarm flight. On rocky islands at low tide, near Seal Rocks.
...ern Gulls
...ring Gulls
...-tailed Pigeons - 8-10 around cabin, mostly perched in tops of live and dead spruce, and few in lodgepole pine. On Oct. 4 ceiling zero, h- and S 15-25 m.p.h. when about 20 pigeons were perched in one spruce and 2 spruce snags from 8 a.m. till at least 4 p.m. No less than 6 were seen at these perches during this time. Rain didn't seem to affect them.
...fishers - 2 over beach - (also 2 on October 5)
...tnut-backed Chickadees - small flocks
...t Wren-tit - one calling at 9 a.m. just before rain.
...n - in spruce and lodgepole area or areas.
...utian Savannah Sparrow - feeding on wave-washed rocks in tidepool areas, etc.
...gon Juncos in lodgepole area - open below.
... Sparrow.

...ctober 5, 1949, Seal Rocks - 10-11 a.m., Lincoln County, Oregon
...n Pelicans - 6
...llon Cormorants - dozens
... Scoter - white forehead only, and feeding in shallow, rocky surf.
...n sandstone outcrop at head of surf here:
1 black-bellied plover, 1 sanderling, and 1 black turnstone all in winter plumage.
...ern Gull Seattle Wren
...ring Gull Robin
...st Wren-tit Oregon Junco.

...ctober 5, 1949, Alsea Bay, Waldport, 11-1:30 a.m., Lincoln Co. Oregon
... on Loon ...ern Gull Golden-crowned Sparrow
...rn pelican Herring Gull Song Sparrow
...llon cormorant Calif. Purple Finch (nearly high tide - no flats).

Lincoln Co.

October 5, 1949, Yachats State Park, S to Neptune Park, Lane Co. Oregon
noon - 1330 PST

Farallon Cormorants - 20' from water on sand flat, with gulls.
Baird's Cormorants - 8
Sooty Shearwaters - Puffinus griseus - ½-mile offshore, paralleling swell crests. About 25 were seen.
Pink-footed Shearwaters - Puffinus creatopus - new life lister - ½-mile offshore, paralleling swell crests - about 6 seen.
Pintails - 8 of them on pools of rocky coast in tidewaters. On pools of salt water on sand beaches, and rocky headlands, too.
Surf Scoter - 27 Green-winged Teal - 5 shot at Bathhurst
White-winged Scoter - 25 Red-tailed Hawk Duck Hawk
Black Turnstones - 40 on rocky headlands washed by waves at high tide.
Heermann's Gulls - 5 dark-headed individuals, 1 full dark red bill and white trailing wing edge, and adult tail; other 2 gulls with dark-tipped pale bills. These gulls scattered through flocks of the following species on the sands:
Western Gulls - 10
California Gulls - 550
Herring Gull - 0/ 40
Ring-billed Gulls - 2
Bonaparte Gull - 3
Kittiwake - Pacific - Rissa tridactyla pollicaris - new life lister, although listed in notes of Tom McCallister for the Oregon Coast. 5 observed about ½-mile offshore, paralleling swell crests with shearwaters.
Red-shafter Flicker Coast Iron-tit Brewer Blackbirds
Western Crow Raven Aleutian Savannah Sparrow
Chestnut-backed Chickadee Song Sparrow

October 5, 1949, Siuslaw River, Florence, Lane Co. Oregon 4 p.m.
Blue Heron Least Sandpipers - 7 Western Gulls Herring Gulls

October 6, 1949, Yaquina Bay, Lincoln Co. Oregon. 1115-1145 a.m. PST
Horned Grebes - 2
Brown Pelicans - 20-25
Farallon Cormorants
Baldpates - 35
White-winged Scoters
Surf Scoters
Black-bellied Plovers - 20 in fall plumage
Red-backed Sandpiper - 1
Glaucous-winged Gulls - 6-7
California Gulls
Herring Gulls
Ring-billed Gulls - few
Red-shafter Flicker
Western Kingbird - good record - Perched on top of bushes, and on wire lines, and tops of piling on sand dune area near old southside ferry landing in open.
Western Crows
Ravens
Robins Purple Finch - flock on sand dunes and in tree lupines.
Aleutian Savannah Sparrows
Puget Sound White-crowned Sparrows
Song Sparrows - singing

October 6, 1949, Otter Rock, Lincoln Co. Oregon, noon. Windy, cloudy, cold.

Brown Pelicans
Farallon Cormorants
Baird Cormorants
White-winged Scoters
Surf Scoters
Western Gull
Herring Gull
Red-shafted Flicker
Coast Wren-tit
Western Meadowlark
Song Sparrow.

October 6, 1949, Devil's Lake, Lincoln Co. Oregon 1330 p.m. PST.

Western Grebe
Whistling Swans - 5
Redheads - 6
Lesser Scaup - 55
Ruddy Duck - 4
Herring Gulls
Kingfisher - 2
Coast Bush-tit
Song Sparrow

October 8, 1949, Corvallis, Oregon

Violet-green Swallows over Martin's house.
Robins singing and in flocks this a.m.
Cedar Waxwings - all week about town - flock of 45-50 at 7 a.m. at Martin's
Golden-crowned Sparrows
Song Sparrow singing

October 8, 1949, Grants Pass, Josephine Co - Medford, Jackson Co. Oregon 1330-1400.

Blue Heron
Sparrow Hawks
Mourning Doves - few
Red-shafted Flicker
Violet-green Swallow
Audubon Warbler
Pileolated Warbler
Meadowlark
Brewer Blackbird
Green-bk. Goldfinch

October 13, 1949, Sacramento-Nicholaus, Sutter Co. California, 730-0800.

Vultures - scattered
Sparrow Hawk - 1
Valley Quail - 15-18 in one flock
Pheasants - 2-3 m.
Red-shafted Flicker - 8-10 (Monterey)
Nuttall Woodpecker - 1
Black Phoebe - 2
Horned Larks - Ruddy - 25-30
California Jay - Interior - scattered
Yellow-billed Magpies - scto. small flocks
W. Crows - scto.
California Titmice - 1 flock
Calif. Mockingbird - 1
W. Meadowlarks - 5-6
Brewer Blackbirds - large flocks
Calif. Purple Finches - flocks
Common Goldfinch flocks
Green-backed Goldfinch flocks
Lawrence Goldfinch - 6
Brown Towhee - flock of 6 (Sacto-Isabel)
Lark Sparrows - 10
White-crowned Sparrows - scto in fencerows
Song Sparrows

In addition the following were seen between Nicolaus and Yuba City:

American Egret - dozens
Sharp-shinned Hawk
Marsh Hawk
Calif. Shrike
House Finches - flock of 10-20.